

SPARK BULLETIN

Monthly Momentum of Zone - X KVKs

Voicing the vision of KVKs- One Story at a Times



September 2024



**ICAR – Agricultural Technology Application Research
Institute (ATARI), Zone – X, Hyderabad**

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From the Director, ICAR-ATARI's Desk



डॉ. शेक एन. मीरा
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Message

Greetings,

I am delighted to publish September Month publication of SPARK BULLETIN - Monthly Momentum of Zone-X KVKs which showcases the extension interventions of ICAR-KVKs Zone-X – Hyderabad.

This edition of the SPARK Bulletin highlights the recent impactful activities aimed at empowering farmers, promoting sustainable agriculture and enhancing rural livelihoods. From skill development in natural farming, banana fibre value addition, and mushroom cultivation, to innovative demonstrations in cotton farming, drone technology, and integrated farming systems. Celebrations like the Golden Jubilee of KVKs and World Coconut Day 2024 reflect our unwavering commitment to agricultural excellence. Diagnostic field visits, soil health campaigns, and awareness programs on nutrition, drought management, and energy efficiency in agriculture are helping to build resilient farming communities. Special focus on tribal development, women and child nutrition, sericulture, aquaculture, and entrepreneurship in value-added products like palmyra and honey. Our field days, exposure visits, and workshops are creating learning platforms for farmers and agri-entrepreneurs across the region. Together, we move forward in building a Viksit Bharat-powered by innovation, collaboration, and sustainable agricultural practices.

I extend my acknowledgement to all the Directors of Extension, Programme Coordinators, Senior Scientists & Head of ICAR- KVKs and Scientists for their contribution and making SPARK news bulletin more informative.

(Shaik N Meera)

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Chronicle of September Activities - ICAR-ATARI, Hyderabad

➤ **Shri K Lakshman, Founder of KhetiValah, visited ICAR-ATARI Hyderabad**



Today, Shri K Lakshman, Founder of KhetiValah, visited ICAR ATARI - Zone X, Hyderabad to discuss his innovative interventions such as Kheti Kalyan, Kheti Khendra, Kheti Utsav, and Kheti Corner. He highlighted how these digital platforms are enhancing opportunities for producers. Dr. Shaik N Meera, Director of ATARI, Hyderabad, provided an overview of ATARI's ongoing activities and suggested areas for enhancing digital agriculture. He also proposed an exciting potential collaboration in Telangana, utilizing the existing infrastructure at Rythu Vedikas. A formal MoU will be pursued after clearance from the Council.

➤ **Dr. M.R. Krupashankar, State Marketing Manager of IFFCO Telangana, visited ICAR-ATARI Hyderabad**



Dr. M.R. Krupashankar, State Marketing Manager of IFFCO Telangana, along with his dynamic team visited ICAR ATARI - Zone X, Hyderabad to explore cutting-edge strategies for promoting Nano Urea and Nano DAP. They were warmly welcomed by Dr. Shaik N Meera, who explained ATARI's impactful initiatives in Zone X and expressed strong support for this innovative collaboration. During the session, Dr. Krupashankar emphasized the game-changing potential of reducing fertilizer usage through foliar sprays of Nano Urea and Nano DAP, utilizing both drone technology and traditional methods. An engaging Q&A session followed, where Dr. Krupashankar addressed queries and sought ATARI's cooperation in driving forward this revolution in sustainable agriculture.

➤ **ICAR-ATARI Hyderabad Observes Swachhta Pakhwada with Pledge and Plantation Drive**



The entire team at ICAR ATARI - Zone X, Hyderabad including Scientists staff, Admin staff and project staff, gathered to take the #Swachhta Pledge. Dr. J.V. Prasad, Principal Scientist, shared insights on the activities planned during the Swachhta Pakhwada and encouraged everyone to contribute actively to this

noble initiative. Following the pledge, we organized a plantation drive within our campus, led by Dr. J.V. Prasad, Dr. A.R. Reddy, and Dr. A. Bhaskaran. This collective effort is part of our ongoing mission to keep the institute and its surroundings neat, clean, and green. Let's continue working towards a more sustainable and eco-friendlier environment.



The State-Level Mega Farmers' Day celebrations held at Tamil Nadu Agricultural University (TNAU), Coimbatore

The State-Level Farmers' Day Celebrations were held at Tamil Nadu Agricultural University (TNAU), Coimbatore, on 26th September 2024, jointly organized by TNAU in collaboration with the Department of Agriculture, ICAR, and NABARD. The event was graced by the esteemed presence of Thiru M.R.K. Panneerselvam, Hon'ble Minister for Agriculture and Farmers' Welfare; Thiru S. Muthusamy, Hon'ble Minister for Housing and Urban Development; and Thiru M.P. Saminathan, Hon'ble Minister for Information and Publicity, Dr. Shaik N. Meera, Director of ATARI, Hyderabad. The function was meticulously coordinated under the leadership of Dr. V. Geethalakshmi, Vice Chancellor of TNAU, and Dr. P.P. Murugan, Director of Extension, TNAU.



The Director of ICAR-ATARI, Zone X, Hyderabad, also actively participated and addressed the gathering, highlighting the pivotal role of Krishi Vigyan Kendras (KVKs) in empowering farmers through the dissemination of climate-resilient technologies, sustainable practices, and farmer-centric innovations. In his address, he emphasized cultural sensitivity, experiential learning through demonstrations, and community engagement as key pillars of effective agricultural extension.



The event featured over 300 stalls, representing innovations and technologies from KVKs, private firms, and progressive farmers, focusing on organic farming, agricultural insurance, value-added products, mechanization, and advanced agri-technologies. Hundreds of farmers had the opportunity to directly interact with experts and gain insights into current trends and practices. One of the major highlights was the conferring of the Velan Semmal awards to outstanding farmers and entrepreneurs for their significant contributions to agriculture. The event successfully showcased the integration of research, extension, and policy support, and reaffirmed the vital role of ATARI Hyderabad in strengthening KVK networks and supporting inclusive, innovation-driven agricultural development across Tamil Nadu. This event reinforced the importance of KVKs in technology adoption and enhancing farmers' resilience to climate challenges, contributing significantly to the modernization of Tamil Nadu's agricultural landscape.



Workshop on Impact Assessment of Tamil Nadu KVKs: A Step Towards Strengthening Agricultural Outreach

The event was graced by Dr. Shaik N. Meera, Director ICAR-ATARI, Hyderabad and Dr. V. Geethalakshmi, Vice Chancellor, TNAU



Tamil Nadu

ICAR KVK, Ariyalur, Tamil Nadu

Soil Health Camp for augmenting productivity in Rabi Season crops

Soil Health Camp before crop cultivation conducted on September 23, 2024 for Awareness creation on importance of soil testing, held at Kulamanickam village of Ariyalur District. Lecture delivered on importance of soil health management, soil test before/after cultivation of crop, Soil test-based fertilizer application, organic/natural farming for soil health restoration. Conducted method demonstration on soil sample collection for different crops. Ten Soil samples were collected and analysed at our lab and recommendations given Benefits. By the camp, 45 farmers have come forward for soil testing and nutrient application accordingly. The estimated reduction in fertilizer consumption was 30%. Mr. Jayasankar, Panchayat President, Kulamanickam and KVK team. Number of participants 20 farmers



ICAR – KVK, Coimbatore, Tamil Nadu

KVK Farmers and Entrepreneurs in State level Farmers Mela

The Kendra actively participated in the state-level Farmers' Mela held at Tamil Nadu Agriculture University from September 26-29, 2024. Exhibits showcased the latest technologies in agriculture, horticulture, animal husbandry, and postharvest processing. Soil sampling and seed treatment techniques were demonstrated. Dr. Shaik N. Meera, Director ATARI, and Dr. V. Geethalakshmi, VC TNAU, interacted with scientists, farmers, and entrepreneurs at the KVK stall. Farmers from Karamadai, P.N. Palayam, and Kinathukadavu blocks were honored and received new seed kits. Advanced machinery demonstrations and educational materials were provided. KVK supported 232 partner farmers and 34 entrepreneurs in attending and learning new techniques.



ICAR – KVK, Cuddalore, Tamil Nadu

Linkage Activity of Van Vigyan Kendra (VVK) and KVK: Mass Awareness Campaign on Forest tree conservation and cultivation techniques

An awareness campaign on forest tree conservation was held on September 4, 2024, by the Institute of Forest Tree Breeding Genetics (IFGTB) Coimbatore, VVK, and KVK Cuddalore. Topics included cultivation techniques for Casuarina, Bamboo, Tissue Culture Teak, Melia azadirachta, and high-yield clones like Casuarina CH-5 for the paper industry. Scientists demonstrated the "TREEGENIE" mobile app, and Dr. Mayavel (IFGTB Scientist) and Th. Madhavaraj, IFS Officer, attended. High-quality teak seedlings were distributed under the "Maa Kaa Naam Ekk Paed Program." A Flex poster on new tamarind varieties was released. Around 50 farmers participated, gaining valuable insights into tree cultivation.



➤ **ICAR – KVK, Dharmapuri, Tamil Nadu**

District level seminar on 'Enhancing Productivity in Vegetable crops

A district-level seminar on "Enhancing Productivity in Vegetable Crops" was held from September 4-5, 2024, organized by ICAR-TNAU-KVK Dharmapuri and the State Department of Horticulture, Palacode. Dharmapuri District Collector, Mrs. K. Shanthi, inaugurated the seminar and highlighted the importance of Integrated Crop Management (ICM) in vegetable farming to reduce costs and increase profits. Scientists and officials conducted technical sessions on precision farming, new varieties, nutrient management, pest and disease control, organic farming, and value addition. Around 200 farmers participated, gaining insights into advanced vegetable cultivation practices and high-tech farm machinery to improve productivity.



➤ **ICAR-KVK, Dindigul, Tamil Nadu**

Training cum awareness on Drone Demonstration and Nutri Garden

A training and awareness program on drone technology and nutria gardens was conducted on September 9, 2024, at Vivekanandha Hall, KVK Gandhigram. Dr. N. Panchanatham, Vice-Chancellor of GRI (DTBU), presided, with special addresses by Dr. L. Rathakrishnan, Dr. S. Meenakshi, and Dr. M. Sundharamari. Dr. S. Senthil Kumar and KVK staff conducted sessions on drone use for pesticide and fertilizer application, offering hands-on training in nutria gardening with Amaranthus and nano-urea foliar spraying. Farmers learned about drone benefits for efficiency, cost savings, and reduced labor needs. A total of 134 farmers and farm women attended, gaining valuable insights into sustainable farming practices.



➤ **ICAR – KVK, Erode, Tamil Nadu**

Tribal Community Driven Sustainable Eco Tourism

The My Dhimbam Farm Eco-Tourism Project, promoting responsible travel and conservation as a means of agricultural extension, was inaugurated on September 10, 2024, by Dr. Shaik N. Meera, Director, ICAR-ATARI, with key officials present. Dr. P. Alagesan, Senior Scientist & Head, KVK, welcomed attendees and introduced the project's goals. The program included the opening of demo units in poultry, fisheries, vermicompost, herbal and vertical gardens, agroforestry, and a tribal museum. Tribal hut accommodations for guests and tourists were also inaugurated. The event drew 300 farmers and entrepreneurs, highlighting sustainable practices and engaging participants with local agriculture and the natural environment.



➤ **ICAR – KVK, Kancheepuram, Tamil Nadu**

Training on Scientific Small Ruminant Farming

Conducted One day paid training programme on “Enhancing Farmers Livelihood and Sustainability through Scientific Small Ruminant Farming” on September 30, 2024 at Kattupakkam. Dr. N. Aparna, Assistant Professor, KVK Kattupakkam, delivered sessions on breeding, housing, feeding, disease management, and biosecurity for sheep and goats. The economics of small ruminant farming and the National Livestock Mission scheme were also discussed. Dr. K. Sivakumar explained the Integrated Farming System, while Dr. Gayathri Subbiah distributed training certificates. The program offered valuable insights for 48 farmers and farm women, who provided positive feedback on the information gained for sustainable small ruminant farming.



➤ **ICAR-KVK, Kanyakumari, Tamil Nadu**

ARYA Skill training on value addition of banana

A five-day ARYA skill training on “Value Addition of Banana” was held from September 9-13, 2024, focusing on creating value-added banana products. Dr. S. Suresh, Programme Coordinator, inaugurated the event with a talk on self-employment and income generation for rural youth. Dr. A. Selva Rani covered banana cultivation and yield improvement, while Dr. J. Selvi led hands-on sessions in making banana jam, squash, flour health mix, thokku, preserve, and fig. An exposure visit to Nanjil Nadu Banana & Allied Crops FPCL showcased solar drying and banana flour and chips production. Thirty youths attended and gained practical skills.



➤ **ICAR - KVK, Karur, Tamil Nadu**

Kisan Ghosthi

Kisan Ghosthi under the DAPSC program at Nanchakalakurichi village, Karur district was organized on September 4, 2024. Various officials, including the Assistant Directors of Horticulture and Animal Husbandry, provided information on subsidy schemes. KVK scientists Dr. J. Diraviam, Dr. P. Tamil Selvi, P. Kaviyarasu, and Dr. M. Saravanan shared insights on Integrated Crop Management in moringa, ecological paddy cultivation, dairy rearing, and livestock vaccination. Awareness on waste separation, polythene hazards, and Swachh Bharat was promoted. Agricultural tools and TANUVAS grants were distributed, benefiting farmers with practical knowledge and resources for sustainable practices. Totally 60 farmers participated and got benefitted from the programme.



➤ **ICAR-KVK, Krishnagiri, Tamil Nadu**

30th All India Mango Exhibition

The 30th All India Mango Exhibition began on September 13, 2024, at Govt. Arts College, Krishnagiri, organized by the District Administration to promote advanced mango cultivation techniques and showcase mango varieties. ICAR-KVK, Krishnagiri, actively participated to share the latest agricultural technologies. The exhibition was inaugurated by the Hon'ble Minister for Food and Civil and the Krishnagiri District Collector. At the KVK stall, information on millet production, natural farming, mango fruit fly management, micro-nutrient management in mango, fodder production, and dairy cow nutrition was displayed. Millet-based products and native seeds were also available for sale. KVK staff briefed the Minister on their activities and products.



➤ **ICAR-KVK, Madurai, Tamil Nadu**

Entrepreneurship Development Programme on Value addition in Honey

An Entrepreneurship Development Programme organized on Honey Value Addition from September 18-23, 2024. Dr. E. Subramanian, Programme Coordinator, and Dr. K. Jothilakshmi, Food Scientist, led the five-day training. The program included hands-on training in beekeeping and honey-based products. Mrs. Josephene from VIBIS Honey demonstrated honey amla and spoke on the dietary importance of honey. Dr. Jothilakshmi showcased honey products like kulkanthu, millet snacks, panchamirtham, honey cake, and cookies. A special lecture covered AGMARK certification and motivational entrepreneurship methods. Participants visited VIBIS Honey and MABIF, totally 30 participants were benefitted in this programme.



➤ **ICAR-KVK, Nagapattinam, Tamil Nadu**

Skill Development & Vocational Training of 5 days Duration - Integrated Farming System

A five-day skill development training titled "Integrated Farming System" was held from September 12-20, 2024, as part of the 100 Days Action Plan for Viksit Bharat. Dr. A. Gopalakannan, KVK Programme Coordinator, welcomed participants, and Dr. K. Veerabhadran, DEE, inaugurated the training with a keynote address. The program covered various topics, including beekeeping, silkworm production, composite fish culture, vegetable cultivation, suitable agricultural crops, natural farming, and value addition technologies. Training was provided by specialists including Dr. K. Chandrasekar, Mr. E. Hino Fernando, Mr. K. Ragu, Dr. V. Kannan, and Dr. A. Mathivanan. A total of 87 participants, including 44 farm women and 33 youth, received certificates of participation.



➤ **ICAR – KVK, Namakkal, Tamil Nadu**

Workshop on “Dissemination of TANUVAS technologies to KVK scientists of Tamil Nadu and Puducherry

A two-day workshop on "Dissemination of TANUVAS Technologies to KVK Scientists of Tamil Nadu and Puducherry" was held on September 27-28, 2024, organized by the Directorate of Extension Education, TANUVAS, Chennai. Dr. Shaik N. Meera, Director of ATARI Zone X, inaugurated the event and toured demo units. Dr. V. Apparao, Director of Extension Education and Registrar (i/c), delivered the presidential address. Technical sessions covered new breeds and technologies, including TANUVAS poultry varieties and fodder development techniques. Equipment demonstrations included the TANUVAS waterer and desi poultry night shelter. During the valedictory session, Dr. K.G. Tirumurugan awarded certificates to 31 participating scientists.



➤ **ICAR-KVK, Nilgiris, Tamil Nadu**

District Collector meeting on carrot seed market status

The District Collector reviewed the carrot seed market in Nilgiris on September 13, 2024, in response to farmers' demand. He directed KVK Nilgiris to conduct awareness programs, Frontline Demonstrations (FLDs), and On-Farm Trials (OFTs) on various carrot varieties. Emphasis was placed on promoting different types of carrots instead of relying on a single variety or hybrid. Additionally, the KVK was instructed to recommend best management practices and assess the Benefit-Cost Ratio (BCR) at the farm level. A total of 10 participants attended the review meeting.



➤ **ICAR-KVK, Perambalur, Tamil Nadu**

Joint diagnostic field visit

Joint Diagnostic Field Visit with a team of State Horticulture Department officers organized on September 28, 2024 at Malaiyalapatti village of Perambalur district. SMS Plant Protection (Mr. P. Dominic Manoj) and Assistant Director of Horticulture (Mr. Vijaya Gandhibam) made a field visit and diagnosed the following symptoms: Deformed and stunted terminal shoots which resulting in compression of terminal leaves into "bunchy tops". Length of internodes is reduced, and stems are distorted. Problems identified: Cassava Mealybug (*Phenacoccus manihoti*) and Red spider mite. Recommendations included Collection and destruction of the infested plant parts. Red spider mite: Spraying of Spiromesifen 29.9 % SC @ 100 ml/ acre. Cassava Mealybug: Spraying of Flonicamide 50WG @ 40g/ acre. Totally 20 farmers were participated.



➤ ICAR – KVK, Pudukkottai, Tamil Nadu

World Coconut Day 2024

A special programme on 'World Coconut Day' organized on September 02, 2024. Dr. A. Yuvaraja, Programme Coordinator, KVK, Vamban inaugurated the programme and emphasized the importance of coconut cultivation in Tamil Nadu. Dr. A. Alagesan, SMS (Agronomy) delivered lecture on Fertilizer and water management. Dr. M. Tamil Selvan, SMS (Horticulture) explained about mother palm selection. Dr. C. Menaka, SMS (Seed Science) elucidated about varieties and hybrids. Dr. K. Parameswari, SMS (Plant Protection) described on pest and disease management. Dr. V. B. Raghavendran, SMS (Veterinary and Animal Science) elaborated the intercropping with profitable fodder crops in coconut. Dr. S. Jesupriya Poornakala, SMS (Food Science and Nutrition) explicated the value addition technologies for coconut. Application of TNAU tonic was demonstrated. Programme Coordinator distributed the inputs such as TNAU coconut tonic and coconut seedlings to the farmers. About seventy farmers from all over the blocks of Pudukkottai district participated and benefited through this programme.



➤ ICAR-KVK, Ramanathapuram, Tamil Nadu

Entrepreneurship Development Program on Palmyra Products

A 3-days Entrepreneurship Development Program from September 18-20 2024, coordinated by Dr. A. Vijayakumar, Assistant Professor (Food Science and Nutrition), and technical sessions and practical demonstrations on value addition techniques. Production of Palmyra milk powder, candy and sugar. Dr. M. Jegadeesan, Associate Professor (Agricultural Extension), contributed on technical session and highlighted the importance of marketing and strategies for branding Palmyra products to create a sustainable business. Program also featured an interaction with Mr. Jaya Karthick, a successful Palmyra entrepreneur, who shared valuable insights from his journey in product making, branding and selling Palmyra-based products. This interaction motivated the farmers to explore market opportunities and learn from real-life entrepreneurial experiences. Empowered 40 Palmyra farmers with knowledge and skills boosting and boosting the entrepreneurial opportunities.



➤ ICAR-KVK, Salem, Tamil Nadu

Training on Kitchen Garden and Rooftop Garden

Training on Kitchen and Rooftop conducted on September 19, 2024, covering essential skills for growing vegetables throughout different seasons, selecting suitable vegetable varieties, preparing growth media, and using organic inputs for optimal plant health. Participants learned effective planting methods, crop management techniques, and Integrated Pest and Disease Management (IPDM) strategies for both kitchen and rooftop gardens. Additionally, the training introduced soilless culture techniques to expand gardening options. To foster continuous learning and support, participants will form groups to share information and experiences. This program benefitted 44 participants.



➤ ICAR - KVK, Sivaganga, Tamil Nadu

Sensitization on "drought management in groundnut and cowpea for Livelihood Enhancement of farmers

A sensitization program on "Drought Management in Groundnut and Cowpea for Livelihood Enhancement" was held at S. Pudur in Sivaganga District on September 24, 2024 under the SCSP program. The main aim was to create awareness of recent drought management technologies for groundnut. Dr. T. Selvaraj, Professor of Soil Science, discussed the significance of drought management, covering techniques like seed hardening, terminal drought management using PPFM and KCL sprays, and nutrient management in dryland conditions.

Dr. L. Vimalendran, Assistant Professor of Agronomy, explained agronomical strategies for drought management. Farmers received crop boosters and learned to use stubbles as mulching, resulting in increased awareness and strategies to reduce crop losses. A total of 20 women were participated in the event.



➤ ICAR - KVK, Theni, Tamil Nadu

Field day on Groundnut

A field day on CFLD Oilseeds Groundnut (K1812) was organized at Pottipuram village in Chinnamanur block on September 18, 2024. The main aim is to create awareness about the K1812 variety and facilitate interaction between scientists and farmers on rainfed groundnut cultivation. The program included a lecture on "Improved Groundnut Cultivation practices and Post harvest technology and value addition technologies for Groundnut". Participants visited the FLD field to observe the K1812 variety's performance. Feedback was collected, and testimonial videos were documented, with many farmers expressing interest in the K1812 variety and groundnut seed production for the upcoming season. A total 28 farmers and farm women participated.



➤ ICAR- KVK, Thiruvallur, Tamil Nadu

Skill training to rural youth on "HI-TECH HORTICULTURE"

A six-day skill training programme organized on "Hi-Tech Horticulture" under ATMA SEEPERS from August 27 to September 3, 2024. The program covered various topics, including the principles of hi-tech horticulture, improved nursery management, canopy management for UHDP and HDP systems, pest and disease management in protected cultivation, micro irrigation systems, precision farming applications, micropropagation, and marketing avenues. Valedictory function was presided over by the Director, Tamil Nadu Rice Research Institute, along with JDA Tiruvallur, where certificates were awarded to successful participants. Each participant also received a booklet on hi-tech horticulture and a vegetable seed kit, benefiting a total of 28 farmers and farm women.



➤ ICAR- KVK, Thiruvannamalai, Tamil Nadu

Soil health campaign

An awareness program on soil health management was conducted on September 18, 2024, at Senal Village in Thellar Block, Thiruvannamalai district, under the SCSP program. The event aimed to educate farmers on soil and water health to identify nutrient deficiencies or excesses. Mr. P. Chowthry, Programme Assistant at KVK Thiruvannamalai, organized the event with ATMA's BTM and ATM. The program included a lecture on soil fertility management and demonstrations of soil and water sampling. Participants learned to apply fertilizers based on soil test results, leading to cost savings. A total of 45 soil samples and 21 water samples were collected and analyzed, resulting in soil health cards with fertilizer recommendations. A total 29 farmers and farm women participated.



➤ ICAR-KVK, Thiruvarur, Tamil Nadu

Off Campus training on Low cost feeding technology

The off-campus training conducted on low-cost feeding technologies for livestock on September 12, 2024. Discussed on the topics of fish silage, black soldier fly production, efficient green fodder and concentrate feeding for small ruminants and dairy cattle. Participants learned about cultivating Co5, CoFS 29 & 31, guinea grass, velimasal, fodder maize, cowpea, naripayiru, and tree fodders. Additional sessions covered feeding management, ration formulation, and non-conventional feeds. An exhibition on value addition in cow dung was also conducted. A total of 55 participants attended, with scientists from SMS (VAS), SMS(SSC), SMS(ENS), PA(T), and MD (NEASDT) leading the training.



➤ ICAR-KVK, Thoothukudi, Tamil Nadu

Celebrated Golden Jubilee Year of Krishi Vigyan Kendras

ICAR SCAD KVK, Thoothukudi celebrated Golden Jubilee Year of KVK's to commemorate 50 years since establishment of first KVK on September 19, 2024. ICAR SCAD KVK, Thoothukudi received the torch from KVK, Viruthunagar and displayed the Golden Jubilee Torch at KVK premises. Dr.V.Palanichamy, Senior Scientist and Head briefed the achievements of KVK and mandated activities conducted since establishment of KVK. Mrs.Vanaja, ADA, Srivaikundam has explained about the relation between KVK and Department of Agriculture and its contribution for the farming community through various programmes like field visits, trainings and new variety trails. KVK staff and 125 farmers were participated.



➤ ICAR-KVK, Tiruchirapalli, Tamil Nadu

Kisan Gosthi on Crop Boosters and Income Generation

ICAR-KVK, Trichy organized a Kisan Gosthi at Periyakarupur village, Andanallur Block On September 23, 2024. The event focused on the importance of crop boosters in improving agricultural yields. A lecture was delivered on the importance of crop boosters in enhancing productivity. Discussions also covered generating additional income through value addition and marketing. Officials from various line departments participated in the event. A total of 100 farmers attended, with SMS (FSN) and the PC overseeing the event's organization and coordination. The gathering was a success in imparting valuable knowledge to the farming community.



➤ ICAR - KVK, Tirunelveli, Tamil Nadu

Celebrated KVK Golden Jubilee year

A two-day program celebrating the KVK Golden Jubilee year took place on September 26 to 27, 2024, at the KVK campus, drawing 136 farmers, farmwomen, and rural youth. The event aimed to raise awareness about Krishi Vigyan Kendra's district visibility. Participants included KVK staff, agricultural department officials, and successful farmers who received shields and certificates ¹. The program featured technical sessions on natural farming practices, soil health management, and organic input preparation, including Jeevamrutham and Panchakaviya. Demonstrations on nano urea application via drone technology were also showcased. The Golden Jubilee Torch, received from KVK Kanyakumari, was later handed over to KVK Namakkal on September 28, 2024.



➤ ICAR- KVK, Tiruppur, Tamil Nadu

Awareness program on Energy efficiency and demand side management in Agriculture sector

An awareness program organized on "Energy Efficiency and Demand-Side Management in the Agriculture Sector" at KVK Pongalur on September 30, 2024. Dr. P.A. Saravanan welcomed 40 participating farmers, emphasizing energy efficiency's importance in agriculture. Experts Dr. M. Senthilkumar, Dr. N. Anandaraja, Dr. V. Ravikumar, and Dr. P. Thukkaiyannan shared insights on renewable energy, irrigation equipment selection, maintenance, and government schemes. Mr. G. Rathinakumar, Executive Engineer, TNEB, covered electrical equipment safety and maintenance. The program included an interactive feedback session. Dr. A. Renukadevi delivered the vote of thanks, concluding the event aimed at promoting energy-efficient agricultural practices.



➤ **ICAR-KVK, Vellore, Tamil Nadu**

Skilled training on "Scientific cattle rearing technologies" for development of dairy entrepreneur

A skill training program was conducted at KVK Vellore from September 9 to 13, 2024, focusing on dairy cattle management. The aim was to equip dairy farmers with knowledge in breeding, feeding, cattle growth, milk yield, and production and marketing of milk and milk products. Dr. A. Thirumurugan, Programme Coordinator, discussed cattle breeds, selection of dairy animals, housing, fodder production, feeding practices, and Azolla production. A total of 50 farmers and farm women participated, gaining valuable insights into dairy farming, fodder units, milk production, and effective livestock management. The training aimed to empower participants to become entrepreneurs in the dairy sector.



➤ **ICAR-KVK, Villupuram-I, Tamil Nadu**

Training on Out scaling of Natural Farming and bioinputs preparation

A training program on the outscaling of Natural Farming and bioinput preparation was held on September 11, 2024. The program aimed to educate farmers on bioinput preparation and raise awareness about Natural Farming. KVK faculty delivered lectures on the components of Natural and organic farming, nutrient management using Panchakavya, Jeevamirtham, and Bijamirtham, as well as mulching technologies. Demonstrations were conducted on preparing bioinputs like Panchakavya, Jeevamritham, Ganajeevamritham, and Brahmaasthiram. A total no. of 41 farmers was participated. Farmers had the opportunity to interact and clarify their queries, enhancing their understanding of sustainable farming practices.



➤ **ICAR - KVK, Villupuram-II, Tamil Nadu**

Sponsored Skill Training

A skill training program on "Good Agricultural Practices in Cotton and Marketing Strategies" was conducted on September 30, 2024, at KVK Campus, in collaboration with the Irrigation Management Training Institute (IMTI), Trichy. The training aimed to enhance skills in high-density planting, micro irrigation, Integrated Pest and Disease Management (IPDM), and marketing strategies for cotton. The program was inaugurated by Dr. M. Vimalarani, SS and Head, Th. R. Periyasamy, DDA. IMTO Officials Tmt. G. Kalaiselvi, Tmt. R. Jothimani, Tmt. A. Leemarose, narrated IMTI activities. Technical sessions covered various topics, and training materials and certificates were provided to all participants. A total of 40 cotton progressive farmers were benefitted.



➤ ICAR-KVK Virudhunagar, Tamil Nadu

KVK Virudhunagar bagged "Best Stall" Award at State Level Mega Farmer's Day 2024

Tamil Nadu Agricultural University hosted a State Level Mega Farmer's Day in Coimbatore from September 26 to 29, 2024. The event was inaugurated by Honourable Ministers Thiru. M.R.K. Panneerselvam, Thiru. S. Muthusamy, and Thiru. M.P. Swaminathan. A joint exhibition by TNAU, Department of Agriculture and Farmers Welfare, ICAR, and NABARD featured 300 stalls showcasing agriculture and allied sectors, including new crop varieties, technologies, and value-added products. KVK Virudhunagar's "Climate Resilient Technologies for Sustainable Agriculture" exhibit impressed, earning them the Best Exhibition Stall award. The event benefited 100 farmers through exhibitions and technical sessions, with notable visits from TNAU's Vice-Chancellor, ATARI Zone X's Director, and the Registrar.



Andhra Pradesh

➤ ICAR-KVK, Ananthapuram 1 (Reddipalli), Andhra Pradesh

Integrated Farming Systems under Animal Husbandry

A training programme on Integrated Farming Systems in Animal Husbandry was conducted from September 19-23, 2024, in Anantapuramu, in collaboration with the Department of Animal Husbandry and Heifer International (NGO). The program promoted integrated livestock rearing modules for good returns with minimal costs. Topics covered included breed selection, housing systems, preventive health care (seasonal vaccinations, deworming), and fodder varieties. Participants also visited KVK for insights on housing systems, fodder and poultry demo units. The training equipped extension workers to help farmers in establishing sheep-poultry and dairy-fish units, enhancing income alongside crop cultivation. A total of 25 extension workers were participated.



➤ ICAR-KVK, Chittoor 1 (RASS), Andhra Pradesh

Field Visit & Method Demonstration for Sericulture Farmers

ICAR-KVK, Chittoor (RASS) conducted a field visit and method demonstration on silkworm rearing at Guthivaripalli, Renigunta Mandal on September 23, 2024. The activity focused on monitoring silkworm rearing practices, offering suggestions on proper spacing and feeding schedules, and demonstrating the cleaning of netrikas (rearing trays). The session aimed to enhance sericulture knowledge and practices among the participants. A total of 10 participants attended. The demonstration was led by the A. Padmaja (SMS) in Sericulture.



➤ **ICAR-KVK, Ananthapuram 2 (Kalyandurg), Andhra Pradesh**

Azolla: A Cost-Effective Livestock Feed Solution During Fodder Shortages

Despite rising livestock numbers, quality fodder remains a challenge. To address this, KVK Kalyandurg organized training programs on cost-effective feeding strategies, emphasizing unconventional feeds like Azolla. The initiative was led by distinguished experts, including Dr. Panjab Singh (Ex-Secretary, DARE & DG-ICAR) and Dr. Anil Kumar Singh (Ex-DDG, ICAR) and other department officials. The event featured the inauguration of Azolla and Vermicompost demo units, visits to the Crop and Fodder Cafeteria, and KVK activity monitoring. Azolla, a fast-growing aquatic fern, offers a sustainable fodder alternative with minimal investment. The KVK has trained over 180 farmers in Azolla cultivation and distributed 80 kg for on-farm trials, showing promising results. Farmers report lower feed costs and improved milk production. Rajesh, a poultry farmer, replaced expensive concentrate feed with Azolla for his 1,000 chickens, achieving similar growth rates at reduced costs. The KVK continues to promote Azolla as a viable solution for livestock feed sustainability.



➤ **ICAR- KVK, Chittoor 2 (Kalikiri), Andhra Pradesh**

Exposure visit to Krishi Vigyan Kendra, Kalikiri

Exposure visit of Farmers from NGO- South Central India Network for Development Alternatives (SCINDeA) to KVK, Kalikiri on September 10, 2024. The main objective was to explore the latest production technologies and natural farming practices. Dr. K. Manjula, the Programme Coordinator, highlighted KVK's activities and the importance of natural farming. Scientific staff explained about soil testing, Integrated Crop Management (ICM) technologies for groundnut and paddy, and vermicompost production and Participants visited sheep-poultry shed, Custom Hiring Centre, dragon fruit orchard, shade net demonstration units, and the information center, gaining insights into new varieties and effective natural farming techniques. A total of 35 farmer beneficiaries participated.



➤ **ICAR - KVK, East Godavari 1 (Kalavacharla), Andhra Pradesh**

Training on coir door mat making

A 30-day training programme on coir door mat making was conducted in Pedapalem village, Dr. B.R. Ambedkar Konaseema District, from August 26 to September 25, 2024, under the Schedule Caste Sub-Plan. A total of 20 women from Nedunuru and Pedapalem villages participated, aiming to promote self-reliance and economic empowerment. Led by an expert from the Coir Board Regional Station in Rajahmundry, the training included hands-on sessions in designing, crafting door mats, and dyeing coir yarn. Participants produced and sold mats during the program, gaining valuable skills and confidence to pursue coir-based businesses, supported by coir machinery units to enhance their household incomes.



➤ **ICAR-KVK, East Godavari 2 (Pandirimamidi), Andhra Pradesh**

Conducted training programme on better management methods in IMC carps and Distribution of fish fingerlings to tribal fish farmers

A training program on better management methods for IMC (Indian Major Carps) was conducted on September 12, 2024, focusing on fish farming techniques for tribal fish farmers, with 90 farmers participating. The program involved contributions from the Principal Scientist and Head, the Scientist (Fisheries), and other scientists specializing in Entomology and Horticulture at KVK, Pandirimamidi. The session covered seed acclimatization methods, prevention of transport stress, feeding techniques, and plankton development methods. Additionally, 50,000 fish fingerlings were distributed to the farmers in the presence of the Project Officer from ITDA, Rampachodavaram.



➤ **ICAR-KVK, Guntur (Lam), Andhra Pradesh**

FLD implementation on Demonstration of Anioninc mineral mixture supplement on performance of pregnant dairy animals

A training program on the management of uterine prolapse was conducted at the Veterinary Dispensary in Nutakki, Mangalagiri Mandal, involving 28 participants, including farmers on September 30, 2024. The program focused on the administration of an anionic mineral mixture supplement, Anomin, supplied to identified beneficiaries to assess its effects on uterine prolapse, dystocia, and milk fever incidence. The training was facilitated by Dr. Sowjanya Lakshmi (Veterinary Scientist), Dr. Chaya Vinaya Devi (Veterinary Assistant Surgeon, Nutakki), and staff from the Animal Husbandry department. Farmers were advised to feed 50 grams of Anomin per pregnant animal alongside their regular feeding practices.



➤ **ICAR-KVK, Kadapa 1 (Utukur), Andhra Pradesh**

15 Days On campus Training programme under ARYA 2024-25 as part of 100 days of Viksith Bharath

A 15-day on-campus training program was hosted under ARYA 2024-25, focusing on entrepreneur development in nursery seedling raising under shade nets, attended by 30 participants, including women and rural youth on September 18, 2024. The training featured an exposure visit to a commercial nursery in Kadapa, led by Dr. S. Manasa (SMS, Horticulture). The program included activities such as producing quality seedlings in shade nets, understanding the cost economics of shade net production, and learning propagation techniques for major horticulture crops. Participants also received training on irrigation, nutrition, and pest and disease management in nurseries.



➤ **ICAR-KVK, Kadapa 2 (Vonipenta), Andhra Pradesh**

Training Program on Crop Pest Control Practices and Drone Technology Demonstration in Collaboration with PARIJAT Industries.

A training program on pest control practices in crop management was held on September 28, 2024, at KVK, Vonipenta, in collaboration with PARIJAT Industries Pvt. Ltd. and supported by Coromandel Pvt. Ltd., with 100 participants, including progressive farmers and APCNF staff. The objective was to raise awareness about pest control and educate farmers on the functionality of drone technology in agriculture. Resource persons included Dr. M. Balakrishna (Senior Scientist and Head, KVK), Dr. B. S. Kanthi, and Dr. Firoz Hussain. The program included lectures and a live drone demonstration, empowering farmers with effective pest management techniques and innovative agricultural practices.



➤ **ICAR-KVK, Krishna 1 (Garikapadu), Andhra Pradesh**

Six days Skill based training programme on Tie and Dye Techniques through natural dyes

A six-day skill-based training program on tie and dye techniques using natural dyes, attended by 30 participants, including women and youth on September 27, 2024. The event featured registration and interaction sessions, guest speeches, and technical discussions on fabric pretreatment and the significance of natural dyes. The training was led by Dr. R. Prabhavathi (SMS, Home Science), Dr. S. Krishnam Raju (Program Coordinator), and other KVK scientists. The importance of natural dyes was emphasized, and a group discussion was held regarding the availability of natural dyes in the NTR District. Demonstrations included fabric desizing and myrobalan treatment of desized fabric.



➤ **ICAR-KVK, Krishna 2 (Ghantasala), Andhra Pradesh**

Skill development Training on value addition of banana

A skill development training program on banana value addition was conducted from September 3 to September 5, 2024, at Ravivaripalem, Mopidevi, Krishna District, with 36 participants. The training aimed to teach processing, value addition, and entrepreneurship development. G. Krishnaveni, SMS, Home Science, conducted a pre-evaluation and explained storage and drying techniques, banana's nutritive value, and various value-added products. Participants prepared items like banana jam, burfi buns, balls, cake, biscuits, chips, banana flour laddu, and ripened banana laddu. Marketing strategies for banana products were also covered. Post-evaluation showed a 51% knowledge gain. Participants learned to reduce post-harvest losses and develop entrepreneurship skills.



➤ **ICAR-KVK, Kurnool 1 (Yagantipalle), Andhra Pradesh**

Skill Training Program on Tailoring & Blouse Designing under Viksit Bharat 100 Days action plan

A 90-day vocational skill training program on Basic & Advanced Tailoring for 30 rural women was inaugurated on September 9, 2024, under the Viksit Bharat 100 Days Action Plan. The objective was to provide technical skills for employment and financial independence. Dr. G. Dhanalakshmi, SS&H, highlighted tailoring's potential for economic empowerment and discussed marketing options like online platforms. Participants were advised to incorporate modern fashion trends to increase client retention. Smt. K. Lakshmipriya, PA (H.Sc), led the training, teaching drafting and stitching of garments such as petticoats, skirts, frocks, and Panjabi dresses. Participants gained skills and entrepreneurial knowledge.



➤ **ICAR-KVK, Kurnool 2 (Banavasi), Andhra Pradesh**

Training programme on Sheep Rearing

A 10-day RSETI skill training program for 30 participants on Sheep Rearing was conducted as part of the 100 days of Viksit Bharat from September 18 to 27, 2024. The program aimed to promote small ruminant rearing as a profitable enterprise for rural participants. The Programme Coordinator, SMS (Veterinary Science), and Training Coordinator led the sessions. Various topics were covered, including housing systems for sheep and goats and nutrition management during weaning, the last trimester of pregnancy, and lactation. Participants gained essential knowledge to enhance productivity and profitability in sheep and goat rearing, contributing to economic sustainability.



➤ **ICAR-KVK, Nellore 1, Andhra Pradesh**

Skill training programme on value addition to millets

A five-day skill training program for 20 participants was organised on value addition to millets from September 9 to 13, 2024. The training aimed to enhance farmers' knowledge and utilization of millets, improving both their income and nutrition. Participants learned to create various value-added millet products through practical, hands-on sessions. Feedback showed high satisfaction, with attendees appreciating the practical approach and expressing eagerness to implement their skills locally. The program met its objectives by equipping participants with practical knowledge for better livelihoods. Follow-up sessions to assess skill application and advanced training opportunities are recommended for sustained impact.



➤ ICAR-KVK, Nellore 2 (Periyavaram), Andhra Pradesh

Training programmes on "Flower Regulation in Acid lime"

A training programs on "Flower Regulation in Acid Lime for Higher Yields During Summer" was conducted with 20 participants on September 30, 2024 as part of impactful interventions for 2024-25. The training aimed to educate farmers on techniques to enhance summer yields in acid lime. Experts highlighted the importance of using the Cycocel growth retardant hormone for effective flower regulation and advised farmers to apply Cycocel at 1000 ppm as a second spray in September. Beneficiary farmers received Cycocel for practical application. The training equipped farmers with valuable knowledge on hormone usage, contributing to improved yield and sustainable agricultural practices.



➤ ICAR-KVK, Prakasam 1 (Darsi), Andhra Pradesh

Poustikaahar Maasosthavalu

The Poustikaahar Maasosthavalu with 10 pregnant women, 120 Anganwadi workers, and 80 KGBV school students participating was held on September 26, 2024. The program aimed to educate rural women on nutrition's importance. Led by T. Manasa, SMS (H.Sc), alongside officials from Darsi Mandal, discussions focused on Early Childhood Education (ECE) techniques to enhance children's motor skills and cognitive development, as well as the role of millets in a nutritious diet. Anganwadi staff exhibited over 50 varieties of millet-based food products and low-cost, handmade teaching aids. A baby shower was also organized for the pregnant women in attendance.



➤ ICAR-KVK, Kandukur (Prakasam-2), Andhra Pradesh

Field day on CFLDs Groundnut crop at Alageyapalem village of Ulavapadu mandal

A field day on CFLDs Groundnut crop was organized at Alageyapalem village, Ulavapadu mandal, involving ADA, MAOs, RSK VAAs, farmers, and farm women (40 participants). The demonstration plot recorded a yield of 16.2 q/ac, while the control plot yielded 12.6 q/ac, showing a 28.7% increase. The adoption of ICM practices also reduced costs by Rs. 12,500/acre. Farmers were educated on using biopesticides such as paecilomyces, neem cake, and green manure crops to control nematodes a significant issue. Paecilomyces biopesticide was provided for soil application during the off-season, and awareness was raised on crop residue recycling using NCOF/PUSA waste decomposers for soil health.



➤ ICAR-KVK, Srikakulam, Andhra Pradesh

National Nutritional month celebration

As part of National Nutrition Month celebrations, an event titled “Poshan Maha – Nutritional Importance for Pregnant Women, Lactating Women, and Adolescent Girls” was held on September 23, 2024, at Sathya Sai Function Hall, Kunchalapeta, Kothuru. A total of 290 participants, including 40 men and 250 women, attended. The program was attended by Sri M. Govindharao, MLA, Pathapatnam constituency, CDPO of ICDS Kothuru project sector, ICDS supervisors, K. Srinivas Rao, and Dr. B. Suneetha, SMS (Home Science). Targeting Anganwadi teachers, pregnant women, and lactating mothers from the Kothuru ICDS sector, the event emphasized nutrition's role in maternal and child health.



➤ ICAR-KVK, Vishakapatnam 1 (Haripuram), Andhra Pradesh

Skill Training on Pickles, Spice Powders, and Millet Snacks Preparation

A Skill Training Program on Value Addition was organized at Kondakarala village, Munagapaka Mandal, Anakapalli District, from September 17 to 23, 2024. Led by Smt. B. Divya Sudha (PA-Home Science), the training educated 32 rural women on preparing pickles, spice powders, and millet snacks like ragi halwa and jowar laddu. The practical sessions included making vegetarian and non-vegetarian pickles and masala powders such as sambar and curry leaf powder. Marketing strategies and business models were also discussed to encourage entrepreneurship. Participants recreated the demonstrated products and expressed enthusiasm to initiate small-scale food businesses in their communities.



➤ ICAR-KVK, Visakhapatnam 2 (Kondempudi), Andhra Pradesh

Skill development training programme on natural farming and conducted demo on preparation of Ghana and Dhava jeevamrutham

A skill development training program on Natural Farming was conducted from September 11 to 13, 2024, at KVK, Kondempudi, involving 29 farmers. The training focused on the principles of natural farming and its role in enhancing soil health and crop productivity without chemical inputs. A demonstration on the preparation of Ghana Jeevamrutham and Dhava Jeevamrutham, traditional organic fertilizers, was included, teaching farmers their preparation to boost soil fertility and microbial activity. The hands-on activities provided practical knowledge, equipping farmers with the skills to implement natural farming methods, fostering eco-friendly practices, and improving the sustainability of their farming operations.



➤ **ICAR-KVK, Vizianagaram, Andhra Pradesh**

Training programme on production technologies in pulses and oilseeds

A training program on Production Technologies in Pulses and Oilseeds was held at Somalingapuram village, attended by 65 farmers on September 19, 2024. The objective was to raise awareness about new varieties and advanced production techniques in these crops. Dr. S. Dhurua, Programme Coordinator, provided detailed insights into the production technologies for both pulses and oilseeds. Dr. S. Sravanthi, SMS (Crop Production), delivered a lecture on Integrated Crop Management (ICM) practices for oilseed crops. Groundnut seeds (TCGS 1694) and Blackgram seeds (LBG 884 and LBG 904) were distributed to farmers under the CFLD Pulses and Oilseeds initiative.



➤ **ICAR- KVK, West Godavari 1 (Undi), Andhra Pradesh**

Visit of District Collector and Magistrate, West Godavari District to Krishi Vigyan Kendra, Undi

Smt. C. Nagarani, District Collector of West Godavari, visited KVK, Undi on September 10, 2024. Dr. N. Mallikharjuna Rao, Programme Coordinator, showcased KVK's mandate, farm activities, trials, and demonstrations. The Collector praised KVK's initiatives, including paddy seed production, demonstration units, CFLD, drone technology, and natural farming projects. She observed exhibits such as desi and high-yield paddy varieties, pheromone traps, bio-fertilizers, an easy planter, fish and prawn specimens, a poultry incubator, a solar dryer, honey extractor, drones, and QR-coded demo units. Impressed by KVK's field-level advisory services, she recommended coordinated drone training by the DAO and DRDA with KVK.



➤ **ICAR- KVK, West Godavari (VR Gudem), Andhra Pradesh**

Banana Fibre Extraction and Value Addition

A skill training program on Banana Fibre Extraction and Value Addition was conducted from September 9-13, 2024 with 30 participants. The event was inaugurated by Vice Chancellor Dr. K. Gopal, with participation from key university officials and NABARD DDM Sri T. Anil Kanth, who discussed strengthening FPOs for entrepreneurship. Practical sessions included banana fibre extraction, pith drying, dyeing methods, and value-added product preparation. Dr. Ravindra Kumar highlighted byproduct creation, and participants practiced making banana bark ornaments. The program concluded with a valedictory session where certificates were distributed. The training equipped participants with practical skills for banana-based entrepreneurship.



Telangana

➤ ICAR- KVK, Adilabad, Telangana

Director ICAR-CRIDA visit to KVK Adilabad

Dr. V.K. Singh, Director of ICAR-CRIDA, Hyderabad, along with a team of scientists, visited KVK on September 27, 2024. They toured the High-Density Planting System (HDPS) cotton demonstrations at the instructional farm, observing various cotton hybrid performances under HDPS. During their visit, they engaged with the team, discussing the trial outcomes and insights gained. Dr. Singh and the scientists expressed appreciation for the well-organized demonstration, acknowledging the successful evaluation of cotton hybrids under HDPS. Their visit underscored the importance of such field trials in advancing cotton productivity and sustainability in the region.



➤ ICAR- KVK, Khammam (Wyra), Telangana

Workshop cum field day on "Closer Spacing in Cotton"

A workshop-cum-field day on "Closer Spacing in Cotton" was organized on September 25, 2024. Eminent experts - Dr. R. Uma Reddy, Dr. J. Hemantha Kumar, Dr. K. Rukmini Devi, and Principal Scientists from RARS, Warangal - guided farmers, farm women, rural youth, and students. The program aimed to promote closer spacing in cotton for enhanced productivity. Recommended practices included semi-compact genotypes, canopy management through PGR sprays or de-topping, and 90 x 30 cm spacing for medium deep soils, resulting in 14,400 plants per acre. This technology boosts earlier canopy closure, increased photosynthesis, and timely maturity.



➤ ICAR- KVK, Khammam - 2 (Bhadradri Kothagudem), Telangana

A diagnostic field visit to flood affected mandals

A diagnostic field visit was held on September 12, 2024, in flood-hit Reddypalem, Mondikunta, Elakulagudem, and Tirlapuram villages. Experts Dr. R Uma Reddy, Dr. V Venkanna, Dr. V Lakshmi Narayanamma, Dr. R Srinivasa Rao, and Mr. B Shiva guided 24 farmers and 6 extension workers. Remedial measures advised included draining excess water, planting short-duration pulses (black gram/cowpea), and topical nutrient application (19-19-19/13-0-45). Farmers gained valuable knowledge on combating flood damage, enhancing resilience for future flood events, and ensuring timely recovery and sustainable agricultural practices. The visit promoted awareness on plant protection under flood conditions.



➤ **ICAR- KVK, Karimnagar (Jammikunta), Telangana**

Awareness program on Locally available nutritious food to women and children and Anganwadi center visit for Malnourished children.

An awareness program on Locally available nutritious food to women and children and Anganwadi center visit for Malnourished children was conducted at Kokkerakunta village in Ramadugu mandal, Karimnagar district, with 37 participants, including pregnant and lactating mothers and preschool children on September 13, 2024. The event, organized in collaboration with the ICDS department, provided guidance on using locally available nutritious foods to improve nutritional security. Emphasis was also placed on



avoiding tea, salt-coated foods, and packaged items to enhance iron and calcium absorption. Additionally, the session addressed causes of premature deliveries and the importance of personal hygiene for women and children. A PHC doctor, ICDS supervisor, ANM, ASHA workers, and three Anganwadi teachers participated.

➤ **ICAR- KVK, Karimnagar 2 (Ramagirikhilla), Telangana**

Introduction of improved Backyard poultry variety -ASEEL in the village under SCSP subplan.

A poultry bird distribution event was held on September 27, 2024, benefiting 150 SC families in Ratnapur and Rompikunta villages. Four-week-old Aseel birds, known for their high egg production and disease resistance, were distributed - 1,100 to Ratnapur and 400 to Rompikunta. Dr. Vijaya highlighted the nutritional security and additional income Aseel birds provide, alongside agriculture and livestock rearing. Dr. A. Srinivas explained the breed's characteristics, including first egg production at 27-29 weeks and up to seven hens per hatch. This initiative supports rural livelihoods, food security, and nutrition.



➤ **ICAR- KVK, Mahabubnagar-1 (Madanapuram), Telangana**

Skill training program on Plant Protection Equipments

A 5-day skill development training on plant protection equipment was held from Sept 12-18, 2024, for 50 participants (25 farmers, farm women, and 25 rural youth). Experts Adusuri Masthanaiah and Dr. Vidhu Kumpurath shared insights on farm machinery trends, sprayer usage, drone spraying entrepreneurship, and operation safety. Hands-on training included troubleshooting techniques. Participants visited a local drone pilot, enhancing their learning experience. The program concluded with a certificate distribution ceremony, receiving positive feedback. This initiative empowered participants with practical skills, boosting agricultural productivity and sustainability, aligning with the 100-day initiative's objectives.



➤ **ICAR-KVK, Mahabubnagar 2 (Palem), Telangana**

Training and Inauguration of Integrated Farming System Unit at instructional farm on 24.09.2024

An Integrated Farming System (IFS) training and inauguration event was held on September 24, 2024, at an instructional farm, attended by 210 farmers and rural youth, along with esteemed guests Dr. Shaik N Meera and Smt. Suseela Chintala. The event aimed to raise awareness about IFS's importance in dryland agriculture and climate-resilient technologies, including soil and water conservation, crop rotation, and best management practices ^{1 2}. Experts emphasized adopting technically feasible and economically viable farming system models that integrate crops with allied enterprises to generate income and employment in dryland areas. Participants visited demonstration units, enhancing their understanding of IFS benefits.



➤ **ICAR- KVK, Mancherial (Bellampalli), Telangana**

Joint Diagnostic field visit of Cotton and Rice fields

A joint diagnostic field visit in the cotton and rice fields in collaboration with the Department of Agriculture, Mancherial Division, conducted of Itikyala, Jendavenkatapur, Rapalli, and Teekanapalli villages in Mancherial District on September 25, 2024. The cotton fields, at 105 days, had plants 90-100 cm tall with 15-23 bolls per plant, but showed issues like jassids, thrips, flower drop, and boll rot. Farmers were advised on specific sprays for pest control and potassium fertilizer applications in rice fields, addressing brown plant hopper infestations. The visit, involving KVK scientists, Department officials, and 28 farmers, strengthened farmers' abilities to manage crop health for better yields through expert guidance.



➤ **ICAR - KVK, Medak 1, Zaheerabad, Telangana**

Nurturing Rural Prosperity: DDS KVK's September 2024 Training Initiatives for Sustainable Agriculture

A series of five-day training programs as part of the Viksit Bharath Campaign was organized, empowering over 110 rural youth and women in sustainable agriculture. The training focused on three key areas: Organic Input Production, Animal Husbandry, and Nursery Management. Participants learned to prepare organic inputs like Panchagavya and Ghanajeevamrutham, manage livestock health and nutrition, and perform hands-on practices like goat deworming and artificial insemination in Deoni cattle. Hatchery management techniques were also taught. The nursery management session covered seedling care, grafting techniques, and propagation of medicinal plants. Led by DDS KVK experts, these programs aimed to foster self-reliance, promote sustainable farming, and boost rural livelihoods, aligning with India's vision of a Viksit Bharath.



➤ ICAR-KVK, Medak 2 (Tuniki), Telangana

Krishi Vigyan Kendra, Tuniki, Medak2 participated in "Moolam Santha" in Hyderabad

Krishi Vigyan Kendra participated in "Moolam Santha" in Hyderabad on September 14, 2024. The event, organized by Grama Bharathi and CSR Memorial Foundation, showcased the KVK's biofertilizers, biopesticides, red aloe vera soaps, organic vegetables, and organic turmeric, which were also sold to participants. KVK staff shared expertise on using biofertiliser and bio pesticides, while former Singareni Collieries MD Sri Rama Chandra Murthy inaugurated the stall. Over 300 visitors attended from 9 AM to 6 PM, receiving informational leaflets, folders, and brochures on KVK products and activities. This initiative promoted sustainable agriculture practices and local products.



➤ ICAR-KVK, Nalgonda 1 (Gaddipally), Telangana

Training Session on ICM practices in Groundnut cum Seed Distribution

A training session and groundnut seed distribution event was held On September 10, 2024 at Atmakur for FPO farmers, in collaboration with ICAR-Directorate of Groundnut Research and RARS Palem. Experts Dr. M. Malla Reddy, Dr. Ajay, Dr. Ram Reddy, D. Naresh, and A. Kiran emphasized best practices in groundnut production, stressing quality seeds, mechanized farming, and integrated crop management. They highlighted oilseeds' importance and urged timely availability of critical inputs for maximum productivity. Girnar 4 and Girnar 5 groundnut seeds were distributed to farmers and farm women, promoting higher yields at lower costs and boosting agricultural productivity.



➤ ICAR- KVK, Nalgonda 2(Kampasagar), Telangana

Three days Skill Training Programme on Mushroom Production' under SCSP (SC Sub Plan)

A 3-day skill training program on "Mushroom Production" under the SCSP project was held from September 30 to October 2, 2024, at Krishi Vigyan Kendra, Kampasagar. Experts Dr. S. Srinivasa Rao, Smt. A. Ramulamma, Dr. K. Chandra Shaker, S. Pallavi, and T. Himabindu trained participants. The program covered topics such as nutritive values, entrepreneurship opportunities, bed preparation, and exposure visits to commercial mushroom units. Participants learned from entrepreneurs Smt. P. Naga Jyothi and Sri. P. Ramakrishna about commercial production, cost benefits, and market linkages. The program concluded with a valedictory session, where Sri. Valva Nayak discussed government schemes and loan options, and certificates were distributed to participants.



➤ **ICAR- KVK, Nizamabad (Rudrur), Telangana**

Monitoring of Demonstration fields by Director of Extension, PJTAU

Dr. Jamuna Rani, Hon'ble Director of Extension at Professor Jayashankar Telangana State Agricultural University (PJTSAU), conducted a monitoring visit to soybean and oil palm fields on September 20, 2024, at Hegdoli and Ethonda villages in Kotagiri Mandal. During the visit, she inspected various On-Farm Trials (OFT) and Front-Line Demonstrations (FLD) plots, interacting with farmers about the performance of the trails and the technical support provided by the KVK. The farmers expressed satisfaction with the services and requested continued support for updating the latest technologies. Later, Dr. Rani reviewed the technical program progress through PowerPoint presentations at the KVK office, with 14 participants in attendance.



➤ **ICAR- KVK, Ranga Reddy, Telanagana**

Awareness Training Programme-Cum-Field Visit on HDPS and CS Cotton Farming

An awareness training program and field visit on High-Density Planting System (HDPS) and CS Cotton Farming was held at Irwin village, Ranga Reddy District, Telangana. 158 farmers and farm women attended, learning about HDPS benefits, including optimized land use, increased yield, and profitability. Experts from ICAR-CICR, ICAR-IIRR, and ATARI shared insights on HDPS, IPM, and drone technology. Progressive farmer Mr. Jangaiah shared his experience with HDPS cotton, highlighting pest resistance, low input costs, and high yields. Participants learned about financial incentives from CICR Nagpur for adopting HDPS and best practices for dense plantings, enhancing overall cotton productivity.



➤ **ICAR-KVK, Warangal 1 (Malyal), Telangana**

Skill Training Programme on Jute Bag Making

A skill training program on Jute Bag Making was held from September 10 to 14, 2024, at Bodugonda, benefiting 31 SC women from Mahabubabad district. Dr. S. Malathi, Dr. N. Kishore Kumar, and Sri G. Venkanna inaugurated the program. Smt. S. Radhika, a jute bag entrepreneur, trained participants in jute product design, pattern-making, and marketing strategies. Sri B. Veeranna discussed government schemes for women entrepreneurship development. The program included an exposure visit to Radhika Jute Bag Creations, where participants learned about micro-manufacturing processes. This initiative aimed to promote micro-entrepreneurship and empower rural women through hands-on experience in jute bag making.



➤ ICAR-KVK, Warangal 2 (Mamnoor), Telangana Disease Diagnostics and Fish health Management

A five-day skill development program on disease diagnostics and fish health management, sponsored by NFDB, Hyderabad, took place from September 30 to October 5, 2024. Dr. N. Rajanna inaugurated the program, emphasizing the importance of reducing mortality and enhancing yield. The training covered disease development, parasite diseases, and nutritional disease identification, with hands-on training on diagnostic techniques. Smt. A. Nagamani, District Fisheries Officer, shared insights on Telangana fisheries department activities and fish farming entrepreneurship. Thirty fish farmers participated, receiving certificates from Dr. Rajanna and Smt. Nagamani on the final day, enhancing their skills in fish health management.



Puducherry

➤ ICAR-KVK, Puducherry, Puducherry

Conduct of Natural Farming Training Programme

A two-day Natural Farming Training program was held on September 12 to 13, 2024, by KVK, Puducherry, attracting 32 farmers and farmwomen. Dr. N. Vijayakumar, Programme Coordinator, inaugurated the event, while Dr. V. Prabhu, SMS (Soil Science), delivered lectures on natural farming principles, intercropping, mulching, and Azolla cultivation. Method demonstrations covered organic concoctions like Jeevamrit and Panchagavya. Practicing farmer Shri Poongundran shared his experiences, and Shri Sundar emphasized traditional seed importance. Participants gained valuable knowledge on natural farming concepts and adoption methodologies. Dr. Vijayakumar distributed training certificates in the concluding session, empowering farmers to adopt sustainable and eco-friendly practices.



➤ ICAR-KVK, Karaikal, Puducherry

Skill Training for Rural Youth on Nursery Management

To achieve Viksit Bharat vision through Skill development of Agriculture Youth KVK, Karaikal in association with SAMETI, Puducherry organized skill training for rural youth on Nursery Management. The program was held from September 19 to 26, 2024. The programme consists of lecture, method demonstrations and exposure visits. Various skills viz., preparation of cuttings, grafting, budding and layering were imparted to the participants. About 25 rural youth have attended the training. Valedictory function for the program was conducted on September 26, 2024. Mr. J. Kathiravan, SMS(Hort) welcomed the gathering, Dr. S. Ravi, PC delivered inaugural address, Dr. N. Vijayakumar, Director, SAMETI released the booklet on Nursery technology, delivered special address and distributed certificates to the participants



KVK Spotlight: Monthly Summary of Noteworthy Initiatives (September)



**Diagnostic field visit - Observed leaf spots in tomato, thrips damage in chilli, Citrus butterfly in sweet orange
(KVK Anantapur-Kalayandurg, AP)**



**Demonstration on sesamum crop harvesting using tractor mounted REAPER
(KVK, Prakasam Darsi, AP)**



**Diagnostic field visit to Maize crop in rain affected areas of Nagarkurnool District,
(KVK Mahbubnagar 1 Palem), TG)**



**PM-KUSUM-One day workshop cum awareness program for farmers,
(KVK, Warangal-Mamnoor, TG)**



**OFT field visit to chilli crop
(KVK Kanyakumari, TN)**



**Skill training on value addition to millet's
(KVK Karakambadi-Chittoor, AP)**



**Established Micro-enterprise "Coir Doormat making unit" and organised 30 days training to 20 beneficiary women (SC)
(KVK-East Godavari- Kalvacherla, AP)**



**Diagnostic Field visit: Severe infestation of Castor Semilooper at 60 days crop,
(KVK, Anantapur-Kalayandurg, AP)**



**Skill development training programme on Mushroom production and Value addition technologies
(KVK-Dharmapuri, TN)**



**Assessment of bio inoculants against root knot nematode in tuberose and conducted demonstration on Soil application of bio inoculants
(KVK, Thiruvannamalai, TN)**



**Drone Demonstration-cum-Seed Distribution
(KVK, -Ranga Reddy, TG)**



**Awareness programme on different land configurations in groundnut
(KVK, Nalgonda-Kampasagar, TG)**



Field visit to Grafted Tomato and Brinjal crops
KVK, Karimnagar 2 (Ramagirikhilla), TG



T&V Workshop on seasonal conditions and management practices in various agricultural and horticultural crops
(KVK, Vizayanagaram, AP)



Follow up visit to ATM Model and Suryamandalam models demo units at Adireddypalle- (KVK, Kadapa- (Vonipenta, AP)



Sugarcane cultivation and seedlings producer's seminar
(KVK, Ariyalur, TN)



Demonstration of line sowing with Seed planter in Groundnut –
KVK, Visakhapatnam (Haripuram), AP



Prajapalana Dinotsavam –stalls on the activities of scientific bee keeping, Bio fertilizers, posters depicting the activities of KVKs. - (KVK, Khammam-Kothagudem) TG



Class room theory session on Oyster mushroom cultivation and Hands on training on Mushroom beds preparation
(KVK-Kadapa-Utukur, AP)



Extension activity - Special training on Sustainable Sugarcane Initiative technology for Kallakurichi Coop Sugarmill farmers- (KVK,Villupuram II, TN)



Paddy harvest- Field Day Celebration- Conducted the field day of paddy harvest after application of TNAU rice bloom on variety (ADT 56). (KVK, Vellore, TN)



Demonstration of ProBeads -EC on performance of Indigenous Poultry- ICAR- (KVK, Thiruvavur, TN)



Visit of Dr. G. Sivanarayana Garu, Director of Extension, ANGRAU to KVK, Undi (KVK, West Godavari (Undi), AP)



Exposure visits to demo units- back yard poultry shelter and slatted goat rearing (KVK, Pudukkottai, TN)



Skill Training in preparation of Low-Cost Nutritious Recipes to Anganwadi teachers (KVK, Ananthapuram 1-Reddipalli, AP)



Field Visit on Vermicompost unit and monitored the packing techniques (KVK, Dindigul, TN)



Training programme to farmers on Realtime Management practices in Redgram and GAPs in ensuing Rabi crops- (KVK, Prakasam-Kandukur, AP)



Inter-state exposure visit of farmers - KVK, Chittoor (RASS), AP



Training programme on Low-cost production technologies in rabi crops to Kanigiri sub division of MAOs, AEOs and VAAs (KVK, Prakasam 1(Darsi), AP)



Distribution of Apis cerena bee boxes under ARYA (KVK, West Godavari-VR Gudem, AP)



On campus skill training program on "Composting of farm wastes" Five days skill training (KVK, Vellore, TN)



Field visit to OFT farmers' fields on Management of Boll rot diseased in Cotton (KVK, Mahabubnagar 1 -Madnapuram, TG)



Organised training cum awareness programme on safe handling of pesticides and use of Personal Protective Equipment (PPE) in the application of agrochemicals (KVK, East Godavari 1-Kalavacharla, AP)



Training programmes on "Flower Regulation in Acid lime for getting higher yields during summer" as a part of Impactful interventions in Acid lime program for the year 2024-25 (KVK, Nellore-2-Periyavaram, AP)



Extension activity- Entrepreneurial training programme for BVSc & AH Intern students (KVK Warangal-Mamnoor, TG)



Usage of polyethylene mulch sheet in drip irrigation for Vegetable crops (KVK, Puducherry, PY)



Skill Training Program on Jute Bag Making under DAPSC 2024-25
(KVK, Warangal-Malyal, TG)



Demonstration on drone technology to the farmers
(KVK, Tirunelveli, TN)



Method demonstration of raised bed nursery preparation for Samba paddy cultivation
(KVK Ariyalur, TN)



Training program on pickle and spices powder and millet snack preparation
(KVK-BCT, Viskhapatnam, AP)



Off campus training on crop boosters for rice and pulses and its role in crop production
(KVK, Madurai, TN)



Agricultural drone demonstrations in pumpkin crop
(KVK, West Godavari -VR Gudem, AP)



Diagnostic Field visit in Cotton and discussed about wilt management in Cotton
(KVK, Karimnagar-Jammikunta, TG)



Joint Diagnostic field visit with Department of Agriculture and Scientist from TRRI, Aduthurai to Paddy (Co51) crop
(KVK- Thiruvarur, TN)



Method demonstration to ECRPs of Rayalaseema districts under natural farming
(KVK-RASS, Chittoor, AP)



Skill development training programme on Backyard Poultry rearing and management
(KVK-Warangal-Mamnoor, TG)



Conducted field visit to Jasmine field and interacted with the farmers
(KVK, Erode, TN)



Training on Rainwater harvesting methods and Fish culture in farm ponds in dryland agriculture system during Kisan Gosthis
(KVK, Sivaganga, TN)

Awards



KVK Kurnool, Yagantipalle, Andhra Pradesh

Received Outstanding KVK award from Shri Devensh Chaturvedi Secretary Agriculture GOI sponsored by Outlook Agriculture in collaboration with Swaraj tractors.



Viskhapatnam 2 (Kondempudi) Andhra Pradesh

The 5th edition of 'Outlook Agritech Summit & Awards 2024' was organized by Swaraj Tractors at A P Shinde Auditorium, NASC Complex, New Delhi, awarded Smt. Sheikh Yakiri with Champion Women Farmer Change Makers who has been nominated by KVK Kondempudi for following natural farming practices The award has been conferred by Shri. Devesh Chaturvedi, Secretary, Ministry of Agriculture and Farmers welfare, Govt. of India



KVK Nalgonda-Gaddipally, TG

Smt. M. Kalyani (KVK- Gaddipally trainee) honored with the "Telangana State Innovative Farmer Award 2023-24" at the ICAR-NAARM (ICAR-National Academy of Agricultural Research Management) campus in Rajendranagar,



KVK Warangal-Malyal, TG

Celebration of 10th Foundation Day of PJTSAU. KVK, Malyal received Best Extension Centre Award



KVK Mancheri, Telangana

Sri. Mandala Shyam Sundar Reddy from Mamidigattu village of Mandamarri Mandal of Mancheri Dist. received University Best Progressive Farmer Award.



KVK-Mancheri, Telangana

Sri. Gona Shyam Sundar Rao from Patha Mancheri village of Mancheri mandal received University Best Progressive Farmer Award.



KVK Kanyakumari, Tamil Nadu

In State level Mega Farmers Day-2024 received Best stall award for exhibiting the technologies from the Hon'ble Vice Chancellor, TNAU COIMBATORE. KVK displayed Technological information, banana and coconut-based handicrafts, herbal wealth of Kanyakumari, Honey and value-added products of entrepreneurs



KVK- Karur, Tamil Nadu

Organic farmer Shri P. Manoharan was awarded Velan Chemmal Award in the State Mega Farmers Day event in the State level Mega farmers day programme.



KVK- Karur, Tamil Nadu

Received Best Stall Award from Hon. Vice Chancellor madam in the State Mega Farmers Day event.



KVK-Virudhunagar, Tamil Nadu

KVK stall was selected as Best Exhibition Stall Award and the award was given by Honourable VC, TNAU in the presence of all University Officers of TNAU and received by SMS (PP) and SMS(SST)



KVK-Srikakulam, Andhra Pradesh

Recognition of Sri T. Murali Krishna for Establishing SIKKOL FOODS with the Support of KVK Amadalavalasa and Promoting Millet-Based Entrepreneurship



KVK-Mahabubnagar 2(Palem), Telangana

Smt. AkulaSumathi, Nandi vaddeman village of Bijinapallymandal, Nagarkurnool, District received Best Progressive Farmer Award on the occasion of 10th University Foundation Day celebrations held at University Auditorium, Hyderabad



KVK-Mahabubnagar 2 (Palem), Telangana

Sri. Omkara Murthy, Thimmajipet village of Thimmajipetmandal, Nagarkurnool District received Best Progressive Farmer Award on the occasion of 10th University Foundation Day celebrations held at University Auditorium, Hyderabad



KVK-Mahabubnagar 2 (Palem), Telangana

Received Best NAAS rated Research Articles award received during 10th Foundation Day celebrations of PJTSAU

Important Events

10th Foundation Day of PJTAU Celebration conducted by Telangana KVKs on 03.09.2024



KVK, Medak-DDS



KVK, Nizamabad-Rudrur



KVK, Nalgonda 2 Kampasagar



KVK, Adilabad

Polam Pilusthundi: An Agricultural Celebration by Andhra Pradesh KVKs



KVK, Anantapur 1- Reddipalle



KVK, LAM Guntur



KVK, East Godavari 1 -Kalvacherla



KVK, Kurnool 2 - Banavasi



KVK, Prakasam 1 -Darsi



KVK, Nellore2 -Periyavaram



KVK, Vizianagaram



KVK, West Godavari, VR Gudem



KVK, Anantapur-Kalyandurg



KVK, Chittoor-RASS



KVK, Kadapa1 Utukur



KVK, East Godavari 2- Pandirimamidi



KVK, Chittoor2 -Kalikiri



KVK, Kadapa2-Vonipenta



KVK, Krishna 2 -Ghantasala



KVK, Krishna 1 -Garikapadu



KVK, Nellore-1



KVK, Viskhapatnam - BCT



KVK, Viskhapatnam -Kodnempudi



KVK, Prakasam 2-Kandukur



KVK, Srikakulam



KVK, West Godavari 1 -Undi

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