



# KVK TIMES



A window to KVKs of ICAR-ATARI, Zone XI, Bengaluru

Volume 2, Issue 31, 1-15 October, 2024



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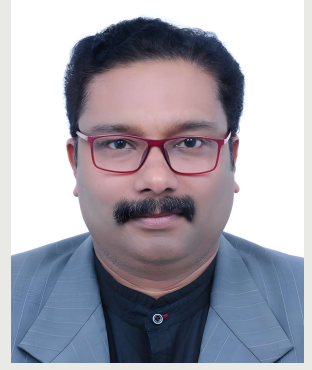
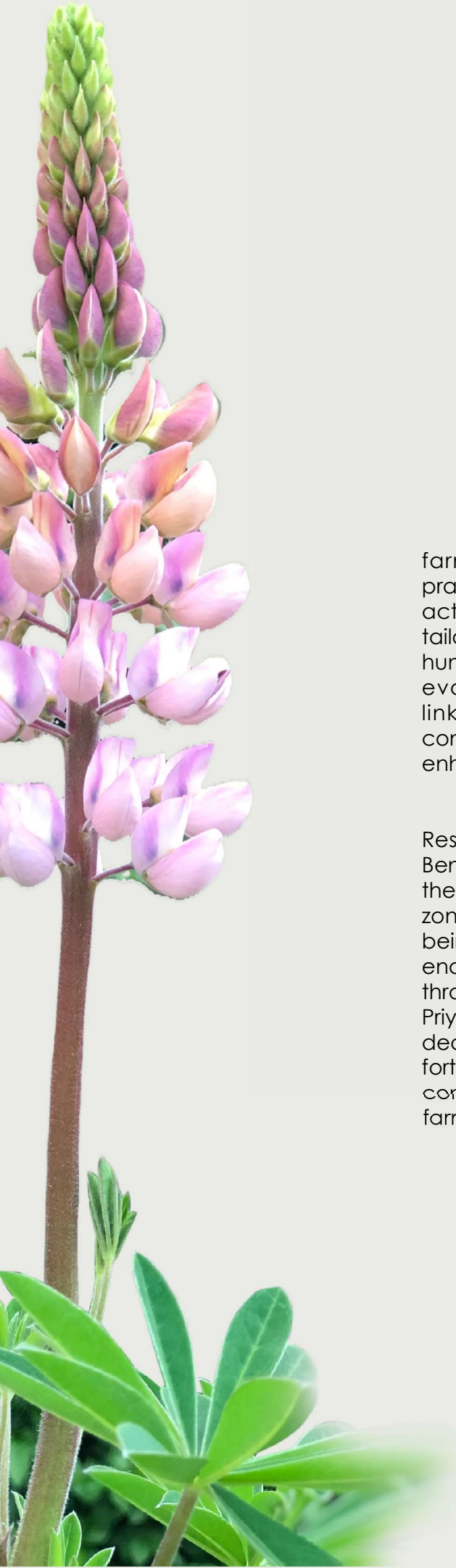
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## MESSAGE

The KVK network, spread across India, strives to uplift farm livelihoods through improved technologies and practices. While KVKs follow well-defined mandates and activities, each centre undertakes unique programmes tailored to suite local needs. The key focus areas include human resource development, technology-driven practices, evaluation of location-specific technologies, market linkages, and entrepreneurial support. The KVKs are constantly exploring ways to integrate innovative models to enhance global competitiveness in the agriculture sector.

At this juncture, the Agriculture Technology Application Research Institute (ATARI) of Zone XI, headquartered in Bengaluru, has taken a commendable step by documenting the wide range of activities carried out by the 48 KVKs in the zone on a regular basis. KVK Times, a fortnightly publication, is being released perpetually, for the past three years, thereby enabling KVKs to reflect, revise, and enhance their activities through comparison. I, wholeheartedly appreciation to Dr. Priya G Nair, Head of KVK Malappuram, and her team for their dedicated efforts in compiling and editing KVK Times for the fortnight of October 1-15, 2024. My best wishes to all for continuing your impactful work aimed at the progress of the farming community.

**Dr. B. ASHOK, IAS**  
Vice-Chancellor,  
Kerala Agricultural University





# FOREWORD

KrishiVigyan Kendras are playing pivotal role in handholding of farmers through technological backstopping for enhancing the productivity of crops and enterprise keeping in mind profitability and sustainability. 'Believing through seeing' and 'Learning by doing' is most appropriate to the KVKs, as the Scientists and farmers are jointly involved in implementing KVK mandated activities to reach the mission of enhancing the farmers income. KVKs are expanding the horizon from elite extension to innovation, market linkage, FPOs, processing and value addition. 48 KVK's in Zone XI of ATARI placed in states of Kerala, Karnataka and Lakshadweep Union Territory has immensely contributed in enhancing agriculture productivity and farmer income thus ensuring sustainable social and livelihood security of farm families.

A first of its kind virtual platform, KVK TIMES which documents fortnightly activities of each of the 48 KVKs of Zone-XI is gaining a real momentum. The news items covered in issues made an impact that is long lasting. Most of the news items published in the TIMES has got the potential of cross learning among KVKs and worth reading. This should boost the morale of all of us and many such noteworthy efforts of our fraternity in the zone.

I am happy that KVK Malappuram is bringing up the 31st issue of second volume of KVK TIMES covering the first fortnight of October 2024. I congratulate the KVK fraternity of Zone XI specially Dr. Priya G Nair, Senior Scientist and Head and his team of KVK, Malappuram for bringing out this unique edition of KVK Times.

**Dr. V. Venkatasubramanian**  
Director,  
ICAR ATARI, Zone XI





## MESSAGE

KrishiVigyanKendras (KVKs) play a crucial role in transferring agricultural technologies to the farming community in an impressive manner. The methodologies adopted by KVKs for field-level technology transfer are practical and highly convincing to end users. Besides conventional activities, KVKs go the extra mile in unlocking the entrepreneurial potential of the agricultural sector by providing comprehensive support to farmer-entrepreneurs, along with networking and linkages with entrepreneurship promoters and agencies. KVKs facilitate the institutionalization of scientific farming practices at the grassroots level and promote efficient economic management of farms.

KVK Times, a fortnightly publication, is a unique initiative by ICAR-ATARI Zone XI to showcase the diverse activities and innovations introduced by KVKs in Kerala, Karnataka, and Lakshadweep, which fosters valuable cross-learning. I acknowledge the guidance and support of Dr. B. Ashok, IAS, Honourable Vice-Chancellor, Kerala Agricultural University, and Dr. V. Venkatasubramanian, Director, ICAR-ATARI Zone XI, Bengaluru. I also extend my sincere appreciation to Dr. Priya G. Nair and her team at KVK Malappuram for their meticulous efforts in producing this issue of KVK Times. I wish KVK Malappuram continued success in the years ahead.

**Dr. Jacob John**  
Director of Extension,  
Kerala Agricultural University





# ACKNOWLEDGEMENT

"Gratitude is the foundation of all meaningful progress." With deep respect and appreciation, I extend my sincere thanks to our Honourable Vice Chancellor, Dr. B. Ashok, IAS, for his invaluable leadership and guidance, creating an environment that empowers us to serve the farming community effectively.

I am profoundly grateful to Dr. Jacob John, Director of Extension, KAU, for his unwavering support and encouragement throughout this journey. His timely interventions have been pivotal in overcoming challenges and ensuring the success of KVK Malappuram.

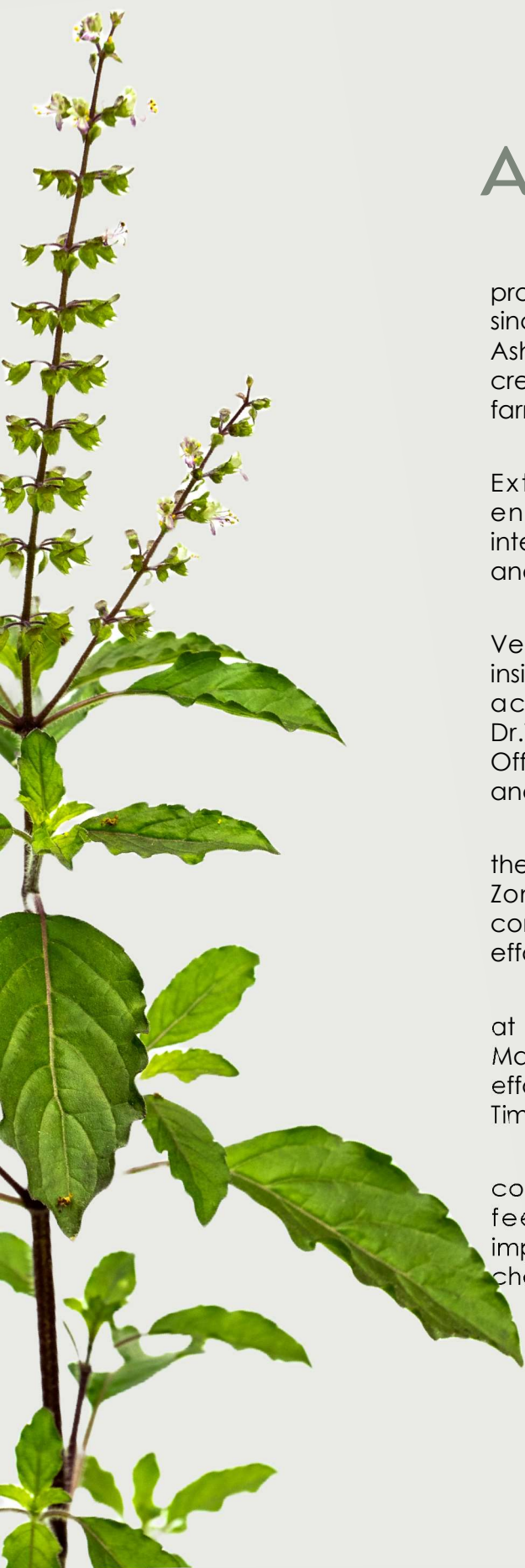
I also wish to express my sincere appreciation to Dr. V. Venkatasubramanian, Director, ATARI, Bengaluru, for his insightful contributions, which have greatly enriched the activities of KVK. Special thanks are extended to Dr. Thimmappa K., Principal Scientist, ATARI, and Nodal Officer, KVK Malappuram, for his valuable scientific guidance and support.

I acknowledge the entire ATARI, Bengaluru team for their collaboration in documenting the activities of KVKs in Zone XI during the first fortnight of October 2024. This compilation was made possible through the concerted efforts of all KVKs within the zone, for which I am truly grateful.

A special note of thanks goes to the dedicated team at KVK Malappuram, led by Dr. Ibraheemkutty C., Subject Matter Specialist (Animal Science), for their exceptional efforts in compiling, editing and publishing this issue of KVK Times.

Finally, I express my deep gratitude to the farming community of Malappuram district, whose valuable feedback and suggestions continually inspire the improvement of KVK services, helping us to address the challenges and opportunities ahead.

**Dr. Priya G. Nair**  
Programme Coordinator  
ICAR KVK Malappuram







## GANDHI JAYANTHI & AGRICULTURE

A Legacy of Sustainability, Self-Reliance and Swachhata

October second marks the birth anniversary of Mahatma Gandhi, a leader whose vision for India was deeply rooted in its villages and agricultural prosperity. Gandhi saw farming not just as an economic activity but as a way of life that reflected simplicity, self-reliance and harmony with nature. His thoughts on agriculture resonate strongly today, especially as we focus on sustainable farming practices and rural development.

KrishiVigyanKendras embody Gandhi's ideals by promoting innovative agricultural techniques that empower farmers, strengthen food security and ensure environmental stewardship. Gandhi believed that "the farmer is the soul of India," and in every seed sown, we carry forward his legacy of nurturing the earth for the welfare of all.

In addition to his emphasis on agriculture, Gandhi advocated for cleanliness and sanitation as essential elements of a healthy and prosperous society. His philosophy of Swachhata (cleanliness) reminds us that cleanliness—both in our surroundings and in our methods of farming—is crucial for the well-being of individuals and the environment. By practicing clean and green agriculture—free from harmful chemicals and pollutants—we honour Gandhi's vision of a clean India (Swachh Bharat) that is in harmony with nature.

This Gandhijayanthi, let us reaffirm our commitment to sustainable agriculture and Swachhata, recognizing the crucial role farmers play in building a resilient, self-sustaining, and clean nation. Through clean farming practices, reduced waste, and mindful stewardship of natural resources, we not only sustain our land but also create healthier, safer environments for future generations.



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## In Memory of Ameer Babu : A Legacy of Passion and Innovation in Agriculture



During my daily commute back to home from KVK in March-April 2024, I often noticed a familiar figure – a man with a grey beard and a turban, standing behind a massive heap of watermelons. His name was Mr. Ameer Babu, a person I had come to respect deeply. Each evening, he was engrossed in selling watermelons to a lively crowd along the roadside, beside a vast, meticulously designed field equipped with mulching, drip irrigation, and fertigation systems. The field itself was a picture of precision and beauty, with rows of evenly distributed watermelon fruits at various stages of growth.

Ameer Babu was no stranger to me. In 2021, I had the honour of accompanying him to New Delhi as the Head of KVK when he received the prestigious Jagjivan Ram Abhinav Kisan Puraskar from the Honourable Union Agricultural Minister. His journey to that momentous day was paved with dedication, innovation, and an unwavering commitment to agriculture. I often thought of stopping to speak with him during those watermelon sales, but I held back, not wanting to interrupt his business. Little did I know, I would never get another chance to speak with him again. Just three months later, the devastating news reached me – Ameer Babu had passed away due to a massive cardiac arrest. Agriculture was more than a livelihood for Ameer Babu; it was his passion, his calling. He was always in search of ways to improve his craft, whether it was traveling to different states to observe new cultivation practices or adopting scientific methods to enhance productivity. He was an embodiment of innovation and diligence, constantly introducing new varieties and exploring advanced practices to benefit his



community. His contribution extended beyond farming – he initiated the construction of a check dam across the stream in his village, which led to an additional crop for the rice fields in the area, benefiting countless farmers. This initiative was later recognized by the Panchayath, leading to the construction of a permanent check dam at the site.

It was these multifaceted contributions that led us at KVK Malappuram to nominate him for the national award, a well-deserved recognition for his tireless work. He stood out among the nominees, his achievements elevating him far above the competition. We spent three joyful days in New Delhi together, accompanied by his son and elder brother. We explored the sights and enjoyed each other's company, making memories that I now cherish deeply. Earlier this year, his search for uncultivated land to grow watermelons brought him to Kottakkal. He saw an opportunity to capitalize on the high demand during Ramadhan, and once again, his business acumen and passion for agriculture shone through. I observed from afar, watching his approach to farming and marketing with admiration.

It's hard to accept that someone so full of life, so dedicated to his work, and so positive and optimistic had to leave us so soon. Ameer Babu's legacy lives on, not only through his family but also through the countless farmers whose lives he touched and the agricultural advancements he championed. His service to the field of agriculture will be remembered forever.

**Dr. Ibraheemkutty C.**  
Assistant Professor (Animal Science)





## State Level Kerakesari Award Winner for Coconut Farming Smt. Sushama P.T

Smt. Sushama P.T., a progressive agripreneur from Tanalur village in Malappuram District, has been honoured with the prestigious 2023 state-level Kerakesari award for coconut farming, instituted by the Government of Kerala. Her achievement reflects the significant strides she has made in revolutionizing coconut cultivation through her innovative and organic-certified integrated farming system. In transforming unproductive, low-fertility coastal lands into a thriving organic farm, Sushama has introduced sustainable practices that include fish ponds, ornamental gardens, spices, fruit plants, and desi cattle rearing, all perfectly interlinked. Her dedication to organic farming is further supported by the farm's self-sufficiency in fodder production.

Sushama's vision extended beyond cultivation, as she ventured into value addition and processing, installing high-end machinery to process coconut and other farm produce. With her well-established brand, "Sushas Food Products," she now offers over 22 products, including coconut oil, spice powders, pickles and even handicrafts made from coconut shells. Her ability to connect emotionally with customers by preserving traditional processing methods has helped her business flourish. Her leadership in agribusiness has been recognized through various awards, including the Kisan Samruddhi award 2022 for Best Woman Entrepreneur from ATARI Bengaluru zone XI and the Kaarshaka thilakam Award from the Government of Kerala.

KVK Malappuram played a pivotal role in Sushama's success by providing her with skill training and technical support, aiding her in scaling her venture. As a SAC (Scientific Advisory Committee) member of KVK Malappuram, Sushama's success story continues to inspire and energize the ambitions of farm women across the region.



## State Level Award for best farming group in production sector - Paithrka Karshaka Sangham, Eravaramkundu



The Paithrka Karshaka Sangham Eravaramkundu, based in Alankot Panchayat, Malappuram District, has been conferred the prestigious State Farmers Award 2023-2024 for the best farming group in the production sector. This recognition highlights the group's exemplary contributions to sustainable agriculture and their role in advancing farming practices within the region. Founded 8 years ago, the association comprises 11 dedicated members, representing a mix of youth, elderly and students. Under the leadership of President Abbas N. M and Secretary Zuhair Eravaramkundu, the members include Musa E. M, Sabahusalam E. M, Obaid E. M, Shahir Hameed, Fahad E. H, Asif E. A, Ashraf Bin Muhammad, Amira Sabahu, and Shaukat E. H. Together, they have demonstrated a strong commitment to agricultural innovation and community development.

The association engages in a diverse range of farming activities, including paddy cultivation, vegetable cultivation using precision farming techniques, watermelon, muskmelon and papaya farming, fish farming, ginger and turmeric cultivation and livestock rearing such as rabbits, chickens, cows, and ducks. Additionally, they are involved in honey production and the development of value-added products. The Krishi Vigyan Kendra, Malappuram has played a crucial role in the success of the association through the implementation of On-Farm Testing (OFT) and Front-Line Demonstrations (FLD), particularly in the cultivation of muskmelon and watermelon. The adoption of drip irrigation systems, facilitated by KVK, has significantly enhanced water use efficiency and productivity in their fields. These trials and demonstrations have enabled the farmers to adopt improved techniques, boosting yield and ensuring better resource management.



## Farmer participatory experimental trials

Distributed high-quality seeds and planting materials of unique varieties of rice to local farmers as part of its FLD / OFT programmes. Traditional paady variety Rakhthashali and the improved variety Pournami were provided to farmers to promote sustainable rice cultivation in the region. These varieties are known for their resilience to local climatic conditions and high yield potential, contributing to enhanced food security. In addition, sweet potato vines of the varieties BHU Sona, BHU Krishna, and Sree Arun were distributed under the OFT scheme to encourage crop diversification and boost the nutritional value of local diets. These varieties are rich in vitamins and suitable for local growing conditions, offering farmers a profitable alternative crop. Furthermore, under the FLD scheme, coleus (Sree Dhara – a variety having medicinal properties and significant market value) was also provided. Through these initiatives, KVK Malappuram aims to enhance farmers' productivity, income, and crop diversity while supporting the adoption of innovative agricultural practices.



Distribution of OFT inputs

## ARYA training on Nursery Management

One month long capacity development program on Nursery Management was organized under the ambitious Attracting and Retaining Youth in Agriculture (ARYA) project. The training aimed at empowering young farmers and agricultural enthusiasts with the skills and knowledge required to manage plant nurseries effectively ensuring sustainability of the activity. The program covered various aspects of nursery

management, including seed selection and sowing, lawn making, cuttings, budding, grafting, layering, bonsai making, soil preparation, pest control, and efficient watering techniques. Participants were provided hands-on training in modern agricultural practices, organic farming methods, and business management, equipping them to start their own nursery ventures. The training was part of the ARYA project's larger mission to encourage the youth in the district to engage in agriculture as a viable and profitable career option. The initiative aligns with the broader goals of boosting rural employment and contributing to the local economy.



ARYA Nursery management batch

## Hands on Experience in Plant Propagation to college students

A group of Botany students from MES College, Ponnani, visited the KVK for an educational exposure trip aimed at learning modern plant propagation techniques. The visit, intended to gain valuable insights into practical aspects of plant science. The students were introduced to various propagation methods including grafting, cutting, layering, and budding, essential for the successful cultivation of different plant species. Dr. Akhilraj BC, SMS Horticulture conducted hands-on demonstrations, allowing the students to observe and practice the techniques in a real-world setting. The visit concluded with an interactive session offering opportunity to ask questions and discuss career prospects in agriculture and plant science with KVK experts. The Department of Botany at MES College plans to organize similar field trips in the future to extend hands-on learning opportunity to their forthcoming batches of students as well.



Hands on training session





Batch of Botany students at KVK

## Visit to Bush Pepper Field for Crop Health Assessment

As a part of KVK Malappuram's ongoing efforts to support local farmers with scientific expertise and promote best practices in horticulture across the region, Dr. Akhil Raj, SMS (Horticulture), conducted a field visit to a local bush pepper plantation to evaluate the crop health and provide expert guidance to the farmers. The visit aimed to assess the growth and productivity of the plants, as well as to identify any potential issues related to pest infestations or nutrient deficiencies. Interactions during the visit, offered practical solutions to enhance pepper yield through better irrigation practices, organic pest control, and soil nutrient management. Emphasis was also given on the importance of maintaining ideal plant spacing and pruning techniques to improve bush pepper production. The farmers appreciated the expert advice and expressed that the guidance would help them to adopt more sustainable and profitable farming methods.



At the Bush pepper field

## Short term course on Bovine infertility

Infertility among dairy cattle has become the major issue, causing huge financial loss to dairy farmers through extension of non productive / uneconomic production days, huge spending for breeding and associated treatments, culling of valuable animals

failing to conceive, acute shortage of replacement stock, compelling to purchase milch animals from nearby states at high price and also causing interstate transmission of various infectious agents and so on, ultimately leading many farmers to quit the field even to the extent of paralyzing the sector. In this context, KVK Malappuram has started a short term course on "Bovine infertility - Causes and prevention" intending to impart in depth training to stakeholders on this burning issue. For the convenience of participating farmers, the five days programme has been planned to be conducted one day per week. Registration of the first batch comprised of 25 participants and initial day of the training was formally inaugurated by the Programme coordinator, Dr. Priya G. Nair on 15th October 2024 at the KVK and the course is being conducted by Dr. Ibraheem Kutty, SMS Animal Science.



Short course on Bovine infertility - First batch



Inaugural session of the short term training course

## World Animal Day

October, 4th is being celebrated as World Animal Day, to commemorate the welfare, rights and essentiality of conservation. The day is becoming more and more relevant, in the context of increasing stress being enforced on animals contributed by habitat deterioration, global warming, industrialization and human urge to enhance animal productivity. Many welfare issues and emerging diseases pose great threat to animal well-being and indirectly to human beings as well. As the result, many of the species are facing welfare issues, some are endangered and a few



already extinct. Under these circumstances, natural farming project strongly promoted by the central government has become promising to conserve the local breeds and adoption of more bio friendly management practices to productive animals. Further, any thoughts for animal welfare, and celebrations like Animal Day becomes highly meaningful. In this context, world animal day was celebrated in a befitting manner at the Desi cattle unit of the KVK, by adopting welfare measures and providing health promoters to the animals being reared under the Natural farming project.



Animal Welfare Day

## World Food Day 2024 : Capacity Building for Mushroom Growers

On 16th October 2024, in observance of World Food Day, a specialized training session was conducted under the Mushroom Village Scheme of the State Horticulture Mission (SHM)-RKVY 2023-2024, Department of Agriculture Development & Farmers' Welfare, Kerala. The session targeted 30 mushroom growers from the Parappanangadi block of Malappuram district, aiming to enhance participant's expertise in mushroom processing and sustainable practices, aligning with the global call for food security and sustainable agricultural

development. Dr. Lilia Baby, Assistant Professor (Community Science), delivered an informative session on mushroom processing, value addition, and packaging. She provided the growers with innovative techniques to improve the market value of mushrooms through processing. Mr. Adarsh. S., Assistant Professor (Agronomy), addressed the topic of compost utilization from used mushroom beds, promoting the efficient use of agricultural by-products to enhance soil quality and support sustainable, eco-friendly farming practices. Key highlight of the event was the experience-sharing session by Sri. Sethumadhavan, a successful mushroom farmer from Malappuram. He shared valuable insights from his extensive experience, inspiring and motivating participants with practical tips for overcoming challenges in mushroom farming.

The training session, organized to coincide with World Food Day, underscored the importance of mushroom cultivation as a means of enhancing food security and creating sustainable livelihoods. The discussions emphasized the role of mushroom farming in contributing to the local economy while aligning with global efforts to achieve sustainable food systems and reduce hunger.



Training programme for Mushroom village scheme

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## Skill Training on 'Laying out open precision farming plot for vegetable production'

Five days skill training programme on 'Laying out open precision farming plots for vegetable production' was organized for rural youth at KVK-Alappuzha from 23rd to 27th September, 24. The plot in the KVK farm was set up for vegetable seed production as well as a demonstration unit. The trainees were familiarized on the activities like bed preparation using tractor mounted bund former, laying out of fertigation system, applying organic manure as basal doze, covering the beds using mulching sheets, and planting seedlings,

with the assistance of skilled resource persons from an Agro Service Centre experienced in this activity. Twenty one participants including B Sc (Ag) students were very much enthusiastic in gaining the skill on this specialized agricultural technique for efficient utilization of resources like water and nutrients and scientific weed and crop management. Seed production of high yielding vegetable varieties like Anaswara (chilly), PKM 1 (Tomato), Haritha (Brinjal), bush cowpea (Anaswara) and bhindi (Arka Anamika) are planned to be undertaken in this newly laid out open precision farming unit.

**(M. S. Rajeev, SMS and P. V. Bijila, Farm Manager)**





experience on low cost method of in situ composting of farm wastes. A mega tree planting campaign was also organized with DAESI participants in KVK farm. A cleaning drive was conducted in the KVK campus with participation of Staff, RAWE students and STED trainees. Swachata Pledge was taken, and Swachta samwad (group discussion), training on wealth from waste, experience sharing by a mushroom farmer etc were also organized as part of the two weeks long campaign.

(K. Sajnanath, SMS)



### 'Swachhta Hi Seva' campaign organized

'Swachhta Hi Seva' campaign was organized by the KVK from 15th September to 2nd October, 2024 with the theme of 'Swabhav Swachhta-Sanskaar Swachhta' as per the call of the Govt. of India. Awareness programmes on cleanliness and relevance of hygienic circumstances for healthy life were organized for farmers, farm women, rural youth and students in the campus and off-campus mode in the NICRA village and other operational areas. Capacity building programme on bio-waste management including method demonstrations on (i) Preparation of activated EM solution and (ii) use of EM solution for bio-waste management were carried out for hands-on-

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### Swachta Hi Seva campaign

Human chain formation and premises cleaning at KVK Bagalkot to create awareness on cleanliness and sanitation under Swachta Hi Seva campaign on 1st and 2nd October 2024.



### Off campus training programme on Pigeon pea

On 7th October, 2024, ICAR-KVK, Bagalkot organized an off-campus training program focused on the application of pulse boosters in pigeonpea. As part of the activity, pulse boosters were distributed to farmers participating in the Frontline Demonstration (FLD) on the popularization of pulse boosters in pigeonpea cultivation.





## On-Farm Trial (OFT) on the assessment of Ajwain varieties

Scientists from ICAR-KVK, Bagalkot visited Bannihatti village in Hungund Taluka to follow up on the On-Farm Trial (OFT) on the assessment of Ajwain varieties suitable for cultivation in Bagalkot district on 08-10-2024.



On 08-10-2024, ICAR-KVK, Bagalkot, in collaboration with the Department of Agriculture, Bagalkot organized a field day on bajra cultivation at Neeralakeri village under the FNS Scheme. The event focused on highlighting the nutritional benefits and agronomic performance of the VPMV-9 variety.

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## DAESI 10th Batch inauguration programme

ICAR – KrishiVigyan Kendra, Bengaluru Rural organized inauguration of the 10thBatch of DAESI programme on 14.10.2024. The programme was inaugurated by Dr. S.V. Suresha, Hon'ble Vice Chancellor, UAS, GKVK, Bengaluru, Dr. V.L. Madhu Prasad, Director of Extension, Dr. Y.N. Shivalingaigh, Professor and Head, GKVK, Bengaluru, Dr. Narayana Reddy, Coordinator, SAMETI (South), UAS, GKVK, Bengaluru. In the introductory speech Dr. NarayanaReddy explained the history of conducting DAESI classes, as Agri-input dealers are a prime source of information to the farming community. To build their technical competency in agriculture and facilitate the agri-input dealers to serve as para-extension worker, National Institute of Agricultural Extension Management (MANAGE) launched one year Diploma in Agricultural Extension Services for Input Dealers (DAESI) programmeduring the year 2003. Dr. Suresha, S.V., Hon'ble Vice Chancellor, explained the roles and

responsibilities of input dealers. The dealers play the key role between the fertilizer industry and farmer for distribution of fertilizers and dissemination of knowledge to the farmers. Therefore, the fertilizer dealers are required to be trained professionally for giving technical advice to farmers on integrated crop management, pest & disease management and nutrient management. Dr. V.L. Madhu Prasad, Director of Extension advised to the participants, as according to some survey Agri-Input dealers are the primary source of knowledge to the farmers, the trained input dealers are of great value in creating mass awareness about new agriculture practices among the farmers. They can also serve as channels of communication to disseminate the technologies. Dr. Hanumantharaya, B.G., Senior Scientist & Head addressed the DAESI students about the classes and field visits which will be covered in this course. Dr. P. Veeranagappa, Scientist (Soil Science), concluded the programme with vote of thanks.



### Mahila Kisan Diwas

The programme was organized at ICAR – KrishiVigyan Kendra, Bengaluru Rural District in collaboration with Dept. of Agriculture, Doddaballapura on 15.10.2024. The programme was inaugurated by Mrs. Gayithri, Deputy Director of Agriculture, Sri Raghavendra, P., Assistant Director of Agriculture. Dr. B.G. Hanumantharaya, Senior Scientist & Head, chaired the programme and explained the importance of MahilaKisanDiwas, and their involvement in agriculture is upto 70% and they should empower themselves through the preparation of value added products and marketing. Mrs. Meghana, S.V. briefed about the mandated activities and the available

facilities at the Agriculture Departments, PMFME and ODOP project benefits to the farmwomen. Mr. Raghavendra, P., Assistant Director of Agriculture, in his introductory speech explained,role of women's in agriculture from sowing to seed production is appreciable,to commemorate the crucial role they play in agriculture, we are celebrating the 'MahilaKisanDiwas' on 15th October every year. Mrs. Gayithri, Deputy Director of Agriculture explained that, presently in the rural area, women are step ahead into become entrepreneur andthey can get more profit by setting up food processing units, marketing through the financial benefits from Self-Help Groups. During the programme progressive farmwomen were felicitated by the dignitaries. Totally, 70 farmwomen were participated in the programme.



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**BELAGAVI-1**

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### Training program on "contingent crop planning for flood affected athani farmers"

Two-day capacity development program organized by ICAR-BIRDS Krishi Vigyan Kendra, Belagavi-1 (Tukkanatti) in collaboration with Evangelical Fellowship of India Commission on Relief (EFICOR). This training event is designed to support farmers from the flood-affected Athani region. The title of the Capacity Development Program is "Contingent Crop Planning for Flood-Affected Athani Farmers," and it will be held at the KVK, Belagavi-1. The program aims to equip 40 participating farmers with practical knowledge in crop management and protection, particularly under adverse environmental conditions.

Day-1 Highlights: The program commenced on 19thSept. 2024 with registration and an inaugural session attended by dignitaries. The first technical session was conducted by M. N. Malawadi, Scientist (Agronomy) who covered "Production practices of wheat, sugarcane, and maize" and highlighted "Season-based short-duration crop varieties," providing essential strategies for farmers to adapt climate variability and flood impacts. Participants were later taken on a guided tour of the KVK instructional farm, where they observed agronomy demonstration units.



In the afternoon, D. C. Chougala, Scientist(Plant Protection) led a session on plant protection, focusing on the identification of pests and diseases affecting agricultural and horticultural crops. The day concluded with a session on kitchen gardening, conducted by R. B. Karabhari, Scientist (Home Science) followed by a visit to KVK's Nutri Garden and the innovative Gangamma model farm.

Day-2 Highlights: On 20thSept 2024, Dr. D. A. Mhetre, Senior Scientist & Head opened the day's sessions by discussing production techniques for fruit crops, followed by a session on horticultural crop cultivation by P. M. Patil, Scientist (Horticulture). The farmers were given an opportunity to visit the Horticulture



Demonstration Units for practical exposure to fruit and vegetable farming techniques.

The event concluded with a feedback session and valedictory ceremony, where participants shared their experiences and takeaways from the two-day

program. This training has been designed to provide the farmers with an understanding of adaptive agricultural techniques and sustainable practices that will empower them to tackle challenges posed by recurring floods.

## ICAR KRISHI VIGYAN KENDRA BELAGAVI-II

# KVK TIMES

### Sunflower Field Day

KVK has organized Field Day on Sunflower hybrid RSFH-700 at Mullur, Ramdurg taluk under Model Oil Seed Village project on 01.10.2024. The programme was inaugurated by Shri Shivanagouda S. Patil, Joint Director of Agriculture, Belagavi. During his inaugural speech, he stressed upon growing oil seed crops in larger area to minimize the dependency on import from other countries. Shri S.B. Kongawad, Deputy Director of Agriculture explained different departmental programmes to encourage oil seed crop area in the district. Dr. Manjunath Chouraddi, Senior Scientist & Head explained different pest and diseases and their management in sunflower. G.B. Vishwanath, Scientist (Agronomy) briefed agronomic practices like land preparation, seed treatment, sowing, spacing, integrated nutrient, water and weed management in sunflower. He has also highlighted about post harvest technologies and value addition. The programme was organized in divine presence of Shri ShriShri Chandrashekhara Shivacharya Swamiji, Mullur. The programme was presided by Smt. Shobha M. Navalagunda, President, Gram Panchayat, Mullur. Field visit was arranged and farmers were happy about performance of RSFH-700 hybrid.



### ICAR-IIHR Scientist visit to KVK

As part of the ICAR initiative, to review and suggest measures for upliftment of the KVK activities, Dr. Dhananjaya, Principal Scientist and Dr. Ramya, Scientist, ICAR-IIHR, Bengaluru visited KVK on 03.10.2024 and reviewed the KVK activities during the last 3 years. Dr. Manjunath Chouraddi, Senior Scientist & Head presented various activities of KVK like OFT, FLD, Training programmes, extension activities, seed production and quality planting material production and their impact on the transforming the agricultural scenario in the district. The team visited Seed Processing Unit, Animal Feed Unit, Soil and Water Testing Laboratory, Plant Health Clinic, ATIC, Exhibition hall, Training Hall and demo units like commercial orchard, fodder block, vermicomposting unit, dairy unit, natural farming block, agro-forestry unit, plantation units like cashew, mango, jamun, custard apple and papaya, nursery unit, banana block, dragon fruit block, farm pond, Kissan bazar etc. in KVK instructional farm and reviewed the ICT activities, development of KLE KVK Smart Farming mobile app and social media platforms.







The visiting Scientists appreciated the efforts of KLE Society in creation of state of art infrastructure facilities and the untired efforts of KVK staff in implementation of innovative ideas in reaching the farmers at a short span of time in its jurisdiction. They also suggested to hasten the collaborative activities with already existing line departments and SAUs especially with IHR, Bengaluru in popularizing the high yielding varieties of vegetables. Later the team met Dr. Prabhakar Kore, Hon'ble Chairman, KLE Society, Belagavi in presence of Shri B.R. Patil, Chairman, KVK, Mattikopp and discussed issues related to collaboration with ICAR institutes for gearing up the KVK activities.

### Scientist visit to farmers fields

Dr. Manjunath Chouraddi, Senior Scientist & Head and G.B. Vishwanath, Scientist (Agronomy) visited cotton seed production plot at Mullur village. Farmer was advised by Scientists on precautionary measures to be taken during pollination, management of leaf reddening, nutrient and pink bollworm. Varietal farm trial of millets at Salahalli visited and farmers were advised about cultivation of millets, preserving the seeds of millets for next season, post harvest technologies and value addition. KVK Scientists visited CFLD – Redgram fields as well as seed production plots. Scientist (Agronomy) briefed about nipping technologies, nutrient and flower drop management practices. Senior Scientist & Head explained about different pest and diseases and their management practices.



### Live Telecast of 18th Instalment of PM Kisan Samman Nidhi programme

KVK, Belagavi-II organized Live Telecast of 18th Instalment of Pradhan Mantri Kisan Samman Nidhi programme was held at Washim, Maharashtra on 05.10.2024. The programme was inaugurated by Shri B.R. Patil, Chairman, KVK, Mattikopp. During his inaugural speech expressed that, primary objectives of this financial boost is to cater to the agriculture and allied activities related necessities. Dr. Manjunath Chouraddi, Senior Scientist & Head briefed that, PM Kisan scheme is designed to provide income support to small and marginal farmers across the India. This centre backed scheme, supported by the centre, is tailored to provide crucial financial aid to all landholding farm families and throughout the country.

Dr.S.S. Hireamth, Scientist (Plant protection) during his introducing remark, he explained about PM Kisan yojana is a financial assistance scheme of Central Government in which central government contribution 100% through this scheme, small and marginal farmers are provided financial assistance of Rs. 6000 per annum, which is directly credited to their bank accounts in the equal instalments. For this 18th instalment, the central government will spend 20,000 crores of rupees to pay 2000 rupees in the accounts of about 9.5 crores landholding farmers from all parts of the country. More than Seventy farmwomen and 35 farmers were participated in the programme. At the end of the programme Praveen Yadahalli, Scientist (Horticulture) extended vote of thanks to the participants, organizers and other contributions to the event. The event was ended with national anthem.

### CCINM training programme

The CCINM batch closing ceremony was organized by KVK Bagalkot where Assistant Director of Extension, College of Agriculture, Vijayapura, scientists of KVK and 30 participants witnessed the programme on 10-10-2024.





**Eco-Friendly Farming: KVK Bidar’s Tractor Runs on Biodiesel**

On the eve of Gandhi Jayanti on October 2nd, 2024, ICAR-KVK Bidar marked a significant step toward sustainable farming by running its tractor on biodiesel instead of conventional diesel. The biodiesel was produced in their own biofuel unit as part of the organization’s ongoing biofuel project. This initiative aligns with Mahatma Gandhi’s vision of self-reliance and rural empowerment, demonstrating the potential of eco-friendly energy alternatives in agriculture. By reducing carbon emissions and utilizing renewable resources, this step not only celebrates the spirit of Gandhi Jayanti but also highlights the crucial role of sustainable practices in securing a greener future for Indian farming. ICAR-KVK Bidar’s effort sets a powerful example for the farming community to adopt biodiesel, promoting environmental conservation and reducing dependency on fossil fuels.

Contributors: **Mrs. Jyothi S Kamthane , Dr. Sunilkumar N M, Dr. Ningadalli Mallikarjun & Dr Gnyandev Bulla, ICAR-KVK Bidar**



**Empowers Farm Women with Nutri Garden Training in Lingadalli Village”**

In a commendable effort to promote nutritional security and sustainable farming practices, the scientists from ICAR-KVK Bidar conducted an off-campus training program on Nutri Gardening at Lingadalli Village on 04-10-2024. The training session saw enthusiastic participation from 47 farm women, who were keen to learn about the benefits of kitchen gardening. During the training, the participants were educated on the importance of establishing Nutri Gardens to ensure access to fresh, nutritious vegetables and fruits year-round. The scientists provided practical demonstrations on how to set up and maintain these gardens in small spaces using organic methods, emphasizing sustainable and chemical-free farming. As part of the initiative, kitchen gardening kits were distributed to all the beneficiaries, equipping them with seeds and essential tools to start their own Nutri Gardens. The beneficiaries expressed their gratitude for the hands-on support and pledged to implement the practices in their homes. Many of the women were inspired by the training and assured their commitment to educating more women in their community about the importance of Nutri Gardens, thereby extending the reach of this initiative. This training not only aims to improve the nutritional intake of rural households but also empowers women to take charge of their family’s health while contributing to the local food system. The ripple effect of this knowledge-sharing could lead to healthier communities and more resilient agricultural practices.

Contributors: **Mrs. Jyothi S Kamthane , Dr. Sunilkumar N M, Dr. Ningadalli Mallikarjun & Dr Gnyandev Bulla, ICAR-KVK Bidar**







## ICAR KRISHI VIGYAN KENDRA CALICUT

## KVK TIMES

### National wildlife week observed at KVK

On the eve of National Wildlife Week - 2024, an awareness programme on the ways and means of agriculture practices to avoid wild animal conflicts was held at KVK. The programme was inaugurated by Mr K. Baijunath, Deputy Range Officer, Peruvannanuzhi Forest office and presided by Dr P. Ratha Krishnan, Head, KVK. Mr Baijunath also distributed Blue EL lights developed by KVK, Idukki for homestead level elephant and wild boar scaring to the SC beneficiaries of Pannikottur colony. Discussions on the possibility of farmer and wild animal friendly agriculture using EL lights, chemicals like Borep and solar fencing against elephant, deer and bison were held. Smt R. Indumathy, President, OISCA Perambra women's chapter and Mr. M. Ravindran, progressive farmer, Paleri delivered felicitation addresses. The participants were provided with spice plants for planting at their farms. They also viewed the live webcasting programme of Prime Minister (PM) Kisan Saman Nidhi, 18th instalment release arranged at KVK conference hall. Ms A. Deepthi, SMS (Home Science), KVK proposed vote of thanks.



National Wild Life Day Celebration at KVK

### Capacity development programmes

#### a) Plant propagation techniques and nursery management

One day capacity development programme on "Plant propagation techniques and nursery management" was organised on 9.10.24 for Karshika Karma Sena members sponsored by Krishi Bhavan, Changaroth. The programme focused on propagation techniques viz., grafting, budding, rooting of cuttings, layering, production of bush pepper, black pepper, raising of portray ginger and vegetable seedlings, vegetable grafting etc. apart from nursery management practices. The programme was led by Dr.P.S.Manoj, SMS (Horticulture) and Dr.K.M.Prakash, SMS (Agronomy).

#### b) Scientific cultivation of Oyster mushroom

An interactive one day training on Scientific cultivation of Oyster mushroom was organized as a skill development programme at KVK on 14.10.2024 for 56 farmers. The programme covered various aspects of mushroom cultivation including, facilities required, media preparation, use of pellet, management of pest and diseases, marketing etc. The participants gained hands on experience in use of pellet and straw for







Capacity development programme on Plant propagation techniques and nursery management

Authors/editors: **Dr.P.S.Manoj,K.M.Prakash, SMS and Dr.P.Ratha Krishnan, Head, KVK, Kozhikode, Kerala)**



Capacity development programme on Scientific cultivation of Oyster mushroom

## ICAR KRISHI VIGYAN KENDRA CHAMARAJNAGAR

## KVK TIMES

### Crop Seminar-Introduction of new inter crops in Coconut and Arecanut plantations

As a part of golden jubilee celebration of KVKs and diamond jubilee celebration of University of Agricultural Sciences Bangalore, a crop seminar under the head introduction of remunerative intercropping in Coconut and Arecanut plantations was organised and conducted at ICAR KVK Chamarajanagar on 8th October 2024. Senior Scientist and Head, Dr.Yogesh,G.S. addressed the participants farmers emphasizing realization of additional income through effective utilization of resources like land space, water and nutrients under Coconut and Arecanut plantations by taking up profitable intercropping namely Nutmeg, Butter fruit and Dragon fruit. Dr.Shivakumar, M.S., Scientist, Regional Station ICAR-IISR, Appangala, Kodagu provided information on the importance of Nutmeg crop, improved varieties, their selection, methods of propagation and important marketing aspects. He urged farmers to opt for value addition for doubling the income. Dr.Muralidhar,B.M. Scientist, Central Horticultural Experiment Station, Chettalli, Kodagu provided information on the importance & advantages of consuming Butter fruit in enhancing human health, agronomic practices and value added products of butter fruit developed at their institute. Dr.Vinay,G.M., Scientist (Horticulture), ICAR-JSS KVK, Mysuru provided information on the cultivation aspects of Dragon fruit highlighting much on harvesting aspects and marketing avenues. Dr.Mohan Kumar,A.B., Scientist (Horticulture), KVK Chamarajanagara provided information on availability of the healthy planting materials and management of these crops. Senior Technical Officer Dr.Pompanagouda,B., deliberated on plant protection aspects in these crops and Dr.Deepa,J., Scientist (Home Science) provided information on processing and value addition of fruits. 78 farmers from different taluks of the district and also from neighboring district Mysuru participated in the programme. An exhibit of improved varieties of Nutmeg, Butter fruit and Dragon fruit was

arranged for the benefit of participants.

Authors: **Yogesh,G.S. and Mohankumar,A.B.**



Exhibition of improved varieties of Nutmeg, Butter fruit and Dragon fruit



Scientist deliberating improved Nutmeg production aspects



Scientist deliberating improved Dragon fruit production aspects





Scientist deliberating improved Butter fruit production aspects



Latitude: 11.893629  
Longitude: 76.95272  
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Note: PM - KISAN SAMMAN NIDHI 18TH INSTALLMENT RELEASE  
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## PM Kisan Programme - release of 18th installment by Hon'ble Prime Minister

The 18th installment release of PM Kisan benefit was live telecasted at KVK on 05.10.2024. 22 participants witnessed the release of 18th installment and on the occasion, a training programme on safe storage of pulses was arranged. Dr. Deepa, J., Scientist (Home Science) detailed the best practices like application of neem & based products, asfoetida, to be adopted for overcoming pest and disease infestation and infection while storing pulse crop grains. Progressive farmer Sri. Shivaram Gowda, Muneshwara colony, TSP village expressed the gratitude of the farming community towards PM Kisan Samman Nidhi that has benefited them in meeting certain contingencies during farming. He also urged the participants to engage in participatory seed production programmed with KVK for realising higher returns. The programme ended with vote of thanks by Ms. Ananaya, S.



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Note: PM - KISAN SAMMAN NIDHI 18TH INSTALLMENT RELEASE  
Powered by NoteCam

Live telecast of release of 18<sup>th</sup> instalment of PM Kisan and Scientist deliberating on safe storage of pulse grains

Author: **Yogesh, G.S**

ICAR KRISHI VIGYAN KENDRA  
**CHIKKABALLAPURA**

**KVK  
TIMES**

## Swachhhta hi Seva programme

On the eve of Gandhi Jayathi, ICAR, Krishi Vigyan Kendra, Chikkaballapura organized Swachhhta hi Seva programme. Dr. Tanweer Ahmed, Scientist

(Agricultural Extension briefed about the importance of cleanliness. Office premises were cleaned. Swachhhta pledge was taken and the workers were felicitated during the programme.



Swachhhta hi Seva programme on 02.10.2024



## Entrepreneurship development on value addition in Tomato

Training programme on entrepreneurship development on value addition in tomato was organized by ICAR-KVK, Chikkaballapura on 05.10.2024. Dr. Papireddy, Senior Scientist and Head inaugurated the programme and highlighted about the opportunities in value addition in tomato. Dr. Soumya Hiregoudar, Scientist, (Home Science) explained about different value added products in tomato and demonstrated the preparation of tomato ketchup and pickle. 20 farm women participated in the programme.



Training programme on Entrepreneurship Development on Value Addition in Tomato

## Bi monthly workshop with Dept. of Agriculture

ICAR, KrishiVigyan Kendra, Chikkaballapura in collaboration with department of agriculture, organized Bi monthly workshop on 15.10.2024 at District Agriculture Training Centre, Kagathi, Chintamani. Smt. Javeeda Naseema Khanum, Joint Director of Agriculture and Dr. M. Papireddy, Senior Scientist and Head inaugurated the programme. Scientists from Krishi Vigyan Kendra participated in the programme and addressed about important issues. Dr. Papireddy explained about newly released varieties. Dr. Sandhya, Scientist (Soil Science) briefed about fertigation schedule in important crops, Dr. Praveenakumar, Scientist (Horticulture) presented about improved technologies in pomegranate, mango and butter fruit. Dr. Swathi, Scientist (Plant protection) highlighted about integrated management of diseases in important crops. Assistant directors from six taluks and scientists from GKVK, UAS, Bangalore participated in the programme.



Bi monthly workshop on 15.10.2024 at District Agriculture Training Centre, Kagathi, Chintamani

ICAR KRISHI VIGYAN KENDRA  
**CHIKKAMAGALURU**

**KVK  
TIMES**

## Skill oriented capacity building programme on Entrepreneurship in Animal husbandry & poultry as a part of 100 days

ICAR, KrishiVigyan Kendra, Chikkamagaluru, has organized skill oriented Fivedays Capacity building programme on Entrepreneurship in Animal husbandry & poultry at KVK, Chikkamagaluru from October 5th 2024 to 9th 2024 as a part of 100 days programme.

Dr. Suchithra Kumari, M.H, Scientist (Plant Protection), KVK, Chikkamagaluru gave introductory remarks that, importance of cattle rearing, sheep and goat rearing, piggery and poultry. Dr. Shivaprasad M., Associate Director of Extension, College of Horticulture, Mudigere during his inaugural speech said that, animal husbandry and poultry are components of integrated farming system which will provide additional source of income and can be used as an enterprise for their livelihood security. Mr. D.L. Ashok Kumar, President, Taluk Krishika

Samaaja, Mudigere addressed the gathering and said that, such training are necessary for the farmers to increase their income and also to do organic farming. Mrs.Rachitha Jayaram, Progressive farm Women, Kesavalalu, Mudigeretaq. Chikkamagaluru Dist. addressed the trainees and said that, I am doing integrated farming system by rearing sheep, goat, cattle, poultry birds and also breeding the dogs. She said that, the trainees should avail the technical knowhow from KVK and adopt animal husbandry. Dr. Krishnamurthy, A. T., Senior Scientist and Head, KVK, Chikkamagaluru, District in his presidential remarks he briefed regarding skill training programmes, FLDs, OFTs which are conducted by the KVK. He also said that, the rural youths should come forward and become entrepreneurs in animal husbandry and poultry by engaging in the activities like rearing of cattle, sheep, goat, pigs and poultry birds.

Dr. Manu H.T., Assistant Director, Veterinary Hospital, Mudigere explained in detail about National Livestock Mission and also explained the scientific rearing of backyard poultry birds. Dr. Ramesh, Veterinary Doctor and Assistant Director of Kannada & Culture Department, Chikkamagaluru, enlightened about the management and rearing of cattle. Dr.Pawan Kumar, Assistant Director, Karnataka Sheep and Wool Development Corporation Ltd., Hassan explained about sheep & goat rearing. Mr. Amar D'souza, Progressive Farmer and Entrepreneur, Madernalu, Mudigere explained all the activities of farming and animal husbandry undertaken in his farm. He also explained about the rearing and marketing of pigs. The training was concluded by vote of thanks to all the participants and the certificates were distributed to all the trainees. A total of 54 trainees participated and got benefit out of it.



ICAR KRISHI VIGYAN KENDRA  
**CHITHRADURGA**

KVK  
TIMES

**Safe use of pesticides and management**

KrishiVigya Kendra, Chitradurga and East West Company India limited have jointly organised one day training programme on safe use of pesticides and management on 04-10-2024 at KVK, Chitradurga.

Dr.SharanappaJangandi, Associate Director of Research, ZAHRS, Babbur farm inaugurated the programme and during his inaugural speech, he discussed about the use of excess dose of pesticides by farmers. Which in turn affects the physiological activities of plant and may damage some parts of plant and finally lead to death of plants. He also suggested the farmers to minimise the use of chemical pesticides and adopt the organic and natural farming systems which in turn helps in maintenance of soil health and also provides the quality produce.

Dr. Kumara O, Senior Scientist and Head, KVK,

Chitradurga was presided over the programme and during his presidential address he briefed that the main purpose of conducting this training is to create awareness on precautionary measures to be taken by the farmers while spraying the pesticides. He also suggested the farmers to compulsorily wear mask, goggles, head cap and hand gloves while spraying and spray should be taken up along the direction of air flow etc. He also discussed about the major health issues faced by the farmers not following the precautionary measures.

Mr. Swarna, Project manager, East West Seeds India Pvt Limited, Ranebennuru, Haveri district, graced the occasion as Chief guest. During his speech he explained about the various activities carried out by the company. The company is organizing training programmes in collaboration with Government and Non-Governmental organizations to create awareness on safe use of pesticides and management.



Dr. Mahantesh P.S., Scientist (Horticulture) welcomed all to the programme. Mrs. Geetha Kumari B N, Senior Technical Officer hosted the programme. Dr. Rudramuni T., Senior Technical Officer (Farm Manager) extended the vote of thanks. 38 Farmers from different villages of Chitradurga have participated in the programme.

**Dr. O. Kumara and Mrs. Geetha Kumari B N**



**Web cast Programme on release of 18th instalment under PM Kissan programme**

A Web cast programme on release of 18th installment of PM Kissan programme was organized at KVK, Chitradurga on 05-10-2024. Around 35 members along with KVK.Scientists have participated during the programme. PM - KISAN SAMMAN NIDHI is the programme launched by the central government of India during 2019, to provide financial assistance to the poor and marginal land holding farmers. Every year each farmer registered under the programme will be

receiving Rs. 6000 in three equal instalments once in four months. This amount will be directly transferred to the farmers bank account across the country through the Direct Benefit transfer (DBT) mode. Already 17 installments have been released by the government through the state departments. The programme was organized for distribution of 18th instalment, of the programme was organized at Washim, Maharashtra. Over 9.4 crore farmers in the country will be receiving over Rs 20,000 crore of financial benefit through Direct Benefit transfer (DBT) without any intermediaries. With the 18th installment release of the PM Kisan Yojana, the total disbursement under the scheme will exceed Rs 3.45 lakh crore, supporting more than 11 crore farmers nationwide and further reaffirming the government's commitment to rural development and agricultural prosperity. All scientists, Technical officers and staff of KVK along with 35 farmers of various talukas of Chitradurga district have participated during the programme.

Dr. Kumara O, (Sr. Scientist and Head), Mrs. Geetha Kumari B N, (Sr. Technical Officer)



ICAR KRISHI VIGYAN KENDRA  
**DAKSHINA KANNADA**

**KVK  
TIMES**

**Celebration of "WORLD EGG DAY-2024"**

On 10.10.2024, the ICAR- KrishiVigyan Kendra, Dakshina Kannada celebrated 'World Egg Day-2024' at its office premises. On this occasion a capacity development programme was coordinated and organized on 'Nutritional Importance of Egg'.by Dr. Shivakumar, R., Assistant Professor, ICAR-KVK, Dakshina Kannada and provided information about nutritional composition of egg and their benefits as well as urged







## Workshop on Retaining youths in Agriculture

ICAR-KVK, Dakshina Kannada in collaboration with NGO-Food chain campaign organised workshop for students of Government Polytechnic College (KPT, Mangalore), Mangalore. The programme was coordinated by Harisha C.P, Lecturer and Student Welfare Officer, KPT Mangalore and Mr. Yathish and Dr

Saurish Hegde, Food Chain Founders. Dr. T.J. Ramesha, Senior Scientist and Head, KVK participating as resource person delivered a lecture on "Role of rural youths Agriculture and Dr. Mallikarjuna, L (Soil Scientists), KVK delivered a lecture on "Farm mechanisation and advanced technologies in farming". A total of 150 students benefitted from the programme.

Contributors : **Dr. T.J. Ramesha, and Dr. Mallikarjuna L.**



ICAR KRISHI VIGYAN KENDRA  
**DAVANAGERE**

**KVK  
TIMES**

## "Sasya santhe for kisan samridhhi"

KVK, Davanagere in collaboration with ICAR-ATARI, Bengaluru and Department of Horticulture, Davanagere celebrated an unique "SasyaSanthe for KisanSamridhhi" during 1st and 2nd of October-2024 at its instructional farm Kadalivana, Davanagere. The sales and exhibition of planting materials, seeds, organic inputs, home made products, FPO products was inaugurated by Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru. Forty one stalls included horticulture nurseries across the state, FPO farmer entrepreneurs nurtured by KVK, Davanagere, home industries, organic products and private bio-inputs. Farmers, citizens, students, professionals, officials and journalists came in great number to visit the exhibition and bought items of their interest with keen enthusiasm which encouraged the entrepreneurs. Director, ATARI, Bengaluru interacted with all the stall owners and gave motivational tips to each one of them. Items such as, fruit saplings, ornamentals, vegetables, seeds, green veggies, bio-inputs, small implements and equipments were highly attractive to the crowd.

Director, ATARI, Inaugurated the newly established selfie point in the campus which became an instant attraction to all the people around. A special stage programme with technical session on advanced horticulture technologies was inaugurated by the Director, ICAR-ATARI. He gave a highly inspirational speech and excerpts are as below:

- It's high time that we all need to come out of colonial mindset and appreciate our own strengths. Particularly the food habits. Healthy food ingredients are our real strength and not pizza burgers. Youngsters must pay attention to this change for better health.

- We have seen all kinds of revolutions like blue, green, white etc. but it's time for another important revolution, i.e., "Revolution of Prosperity"! We all must join hands to achieve it.
- We must brand our farmers produce and market them with international standards. "KisanSamridhhi" is the registered brand and trademark of all produce under KVKs and attached farmers. Let's popularise it and support farming community in every sense.
- We all must feel proud to be associated with farmers and farming. Assert to those who don't know it. None can survive without agriculture.

Director honoured the farmer entrepreneurs by handing over the logo of KisanSamridhhi – TaralAmrutha and wished them complete prosperity in their life.

Dr. K.P. Basavaraj, Secretary, Taralabalu Rural Development Foundation (Host Institution, Sirigere) and





former member of planning commission of Government of Karnataka, presided over the function and urged the government to take note of policy aspect on Global Capacity Centers establishment in a potential district like Davanagere. This district is already known as knowledge hub which has great promise to be the center of farmers entrepreneurship.

Dr. Devaraja T.N., Senior Scientist and Head, gave preamble to the program and welcomed all the guests and gathering. Staff of KVK and Department of Horticulture along with farmers, press & media personnel, students and general public attended the session.

Approximately 8000+ people visited the exhibition and the business transaction was found to be around 10 Lakh rupees. This indicates that each entrepreneur obtained an average income of Rs. 30,000/- in two days exhibition cum sales.

This is first of its kind event organized in the district of Davanagere by ICAR-Taralabalu KVK which was received in great enthusiasm by the public of Davanagere district.



### Celebration of Field day of FLD -ICM in Foxtail millet

ICAR- Taralabalu Krishi Vigyan Kendra, Davanagere conducted the Field day of NICRA- Frontline demonstration on Integrated Crop Management practices in Foxtail millet (HN-46) at Kalledevarapura, Jagalur taluk. Mr Mallikarjuna B.O., SMS (Agronomy) delivered a talk on eve of field day, this variety HN-46 of foxtail millet was released from UAS, Raichur introduced for the first time in Davanagere district. The crop stand was good and long ear head of 28- 30cm and expecting the yield around 10-12 q/acre.

Mr. Gurumurthy, FLD farmer expressed that this is first time we are seeing this type of crop growth and length of ear head, and we will save this seed for the next season and we also distribute the seeds to neighbouring farmers. The program was inaugurated by Mr. Krishnamurthy, Director of Taralabalu AFPO, Bidarakere. Mr Basavangowda SMS (Horticulture) and farmers participated in the program.

**Mr Mallikarjuna B.O. SMS (Agronomy)**



### Exposure visit to the FPO farmers

Conducted the three days exposure visit to the Directors and farmers of Kodaganuru Taralabalu Amrith Farmer Producer Organisations, Kodaganuru Davanagere taluk from 3.10.2024 to 5.10.2024. ICAR – Taralabalu KVK, Davanagere as resource institute formulated the 17 FPOs in Davanagere, Chitradurga and Haveri district. Mr Mallikarjuna B.O SMS (Agronomy) took the directors and farmers to Horticulture Research and Extension Centre, Arsikere, ICAR- Krishi Vigyan Kendra, Kodagu, Puthari, FPO and ICAR-Krishi Vigyan Kendra, Mysuru. Farmers interacted with Subject matter specialist of the KVK and visited the demo units.

**Mr. Mallikarjuna B.O. SMS (Agronomy)**





**Field visit by Dr. DVS Reddy under Special Project on Cotton**

Visit to farmers' cotton fields under Special Project on Cotton was undertaken to monitor closer spacing (CS) and high density planting system (HDPS) by Dr. DVS Reddy on 08.10.2024 & 09.10.2024. The visit covered Shanwad, Harobelavadi and Byalal villages of Dharwad district. Dr. DVS Reddy, Principal Scientist (Agronomy), ATARI inspected the fields and interacted with farmers, KVK Scientists and Rasi Seeds Pvt. Ltd. company territory manager. Farmers also shared their view on demo practice.



**FLD Field Visit**

Field visit to FLD - ICM practices in chrysanthemum and OFT- peas varieties on 08.10.2024 at Kurubagatti village by Dr. D.V. S. Reddy, Principal scientist, ATARI, Bengaluru along with KVK Dharwad scientists and had interaction with farmers.



**Fisheries Department Officials Visit to KVK Partner Farmers' Fields**

On October 3rd, 2024, a group of 30 newly inducted officials from the Department of Fisheries, Kerala, visited the fields of ICAR-KVK Ernakulam's partner farmers as part of their training. This field visit was conducted under the Staff Training Program organized by the National Institute of Fisheries Administration and Management (NIFFAM). Earlier, on September 26th, 2024, these officials attended a specialized training session on brackishwater aquaculture and cage fish farming led by Dr. P.A. Vikas, Subject Matter Specialist (Fisheries) of KVK Ernakulam. To complement this theoretical knowledge, the hands-on training visit was arranged to KVK's partner sites, including a brackishwater cage fish farm at Kottappuram and a pearlspot seed production unit at Karumaloor.

During the visit, the participants had an opportunity to interact with partner farmers Mr. Shibu Kottappuram and Mr. Shibu T.S., who shared their experiences and best practices in the field. This exposure visit provided the trainee officials valuable insights into the practical aspects of brackish water aquaculture and the various technologies being adopted by progressive farmers in the region.





## BSc Aquaculture Students Gain Hands-On Experience at KVK Fish Farm

A group of 25 BSc Aquaculture students from St. Albert's College, Ernakulam, visited the KVK fish farm as part of their academic curriculum, gaining firsthand experience in brackish water fish farming techniques.

Dr. P.A. Vikas, Subject Matter Specialist (Fisheries), led an interactive session with the students, providing a comprehensive overview of brackish water fish farming practices. The students were engaged in practical demonstrations, which included fish feeding, harvesting, and various other essential aquaculture activities. The exposure visit offered the students a unique opportunity to observe and participate in real-time fish farming operations, enriching their theoretical knowledge with practical insights. The interactive and informative session not only enhanced the students' understanding of aquaculture techniques but also inspired them to explore innovative approaches in the field. This initiative by KVK underscores its commitment to fostering future professionals in the fisheries sector by providing experiential learning opportunities.



## KVK-SCB Collaboration to Boost Cage Fish Farming in Ezhikkara, Ernakulam

On 7th October 2024, the Palliakkal Service Cooperative Bank (SCB), in partnership with Krishi Vigyan Kendra (KVK), organized a Farmers Refreshment Programme aimed at advancing the skills of 19 cage

fish farmers from Ezhikkara, Ernakulam. This longstanding collaboration, which began in 2018, has played a crucial role in the development of local cage fish farming by combining the financial support of the bank with the technical expertise of KVK.

Dr. P.A. Vikas from KVK, who has been actively involved with these farmers since the start of their journey, led the technical orientation session. He addressed critical challenges such as the management of invasive black mussel infestations and ongoing fish mortality issues, offering practical solutions to improve farm efficiency and productivity.

As part of this joint effort, KVK introduced integrated farming systems such as Mud Crab fattening and Green Mussel culture, offering farmers new opportunities to diversify their income and enhance the sustainability of their operations.

The Palliakkal Service Cooperative Bank also proposed organizing a live fish marketing mela in partnership with KVK. This event would serve as a platform for farmers to showcase their produce, connect directly with local consumers, and tap into new market opportunities. KVK has supported this initiative, highlighting its potential to raise public awareness and foster greater community engagement in promoting locally farmed fish.



ICAR KRISHI VIGYAN KENDRA  
**GADAG**

**KVK  
TIMES**

## Off-campus training programme on integrated crop management in rabi crops

ICAR-KVK, Gadag in collaboration with Coromandel International Ltd. organized one day off-campus training programme on Integrated Crop Management (ICM) in Rabi Crops at Halligudi village of Mundaragi taluk. Mr.N.H.Bhandi, SMS (Soil Science) spoke about improved varieties of Safflower and Rabi Sorghum, importance of soil health management, seed treatment and pest & disease management in Rabi crops. Dr. Vinayaka Niranjana, SMS (Ag. Engineering) enlightened the farmers regarding high yielding and

improved varieties of Bengalgram, importance of timely cultural activities in rabi crop cultivation, weed management, nipping in Bengalgram and mechanization of harvesting and threshing operations. Mr. Vidyasagar, District Manager, Coromandel International Ltd. spoke about fertilizer management in rabi crops, importance of micro nutrients and application of liquid fertilizers. Farmers interacted with scientists and gained knowledge on integrated crop management of rabi crops viz., Bengalgram, Safflower and Rabi Sorghum. Around 56 farmers and rural youth participated in the training programme.





### Visit of Dr. D.V.Srinivasa Reddy, Principal Scientist, ATARI, Bengaluru

Dr. D.V. Srinivasa Reddy, Principal Scientist (Agronomy) visited ICAR-KVK, Gadag on 07-10-2024. During his visit, he reviewed the activities of NICRA project carried out at Shingatarayanakeri village of Mundaragi block. He interacted with VCRMC members & farmers regarding various initiatives carried out under the NICRA project. Later he visited soil and water conservation demo units viz., borewell recharge units

and Desilted community pond, Climate resilient crop production demo plots such as Maize+Redgram intercropping system, Foxtail millet (HN-46 variety), Irrigated and dryland horticulture fruit orchards. Then he visited the livestock demonstration unit mainly on upgrading local sheep breeds with Nari Suvarna rams, Custom Hiring Service Centre, Seed bank and Perennial fodder production unit. He also visited Natural farming demo units and demonstration plots under TSP viz., coconut orchard, Chrysanthemum fields and Honey bee units.

Later on the same day he visited Cashew processing unit established at Hulkoti village and suggested to take the cashewbased products to Kisan samridhi platform for market linkage. He also visited Coconut orchard in KVK instructional farm and suggested to adopt recent technologies of ICAR-CPCRI, Kasaragod and ICAR-NBAIR, Bengaluru for nutrient, pest and disease management practices



## ICAR KRISHI VIGYAN KENDRA HASSAN

# KVK TIMES

### Mahila Kisan Diwas

ICAR-Krishi Vigyan Kendra, Hassan celebrated the Mahila Kisan Diwas on 15/10/2024 at KVK, Kandali, Hassan. Mrs. Bhagya, Gram Panchayth Member, Kandali, Hassan has inaugurated the programme and in his inaugural speech he said that agriculture is an important sector for women's to become financially strong and to lead a self-sufficient life, So there is a need to celebrate this kind of programmes to boost the women farmers morale. Further, he elaborated the importance of food in keeping humans body healthy and fit.

Dr. Rajegowda, Senior Scientist and Head, KVK, Hassan has chaired the programme and during his presidential remarks he said that it is proud that 60 per cent of works in agriculture were carried out by women only but it is not enough they should involve in decision taking actions then only the celebration of this MahilaKisanaDiwas will become more meaningful.

Dr. Shivashnkar, M., Scientist (Home Science), KVK Hassan during his introductory remarks he explained the purpose and motto of these programmes and she also briefed the theme of this year world food day celebrations to the gathering. Further, he explained the importance of value added foods, gave a hands-on



demonstration on preparation of value added products from maize like sweet corn, chakkali, khodabale, chips, bisbele bath mix, pongal mix, shayavige, etc., and told the importance of these products to the gathering.

Dr. Arun Kumar, B. R., Scientist (Soil Science), Dr. Pallavi N., Scientist (Crop Physiology), Dr. Sanketh, C. V., Scientist (Agril. Extension), Dr. Sakamma, S., Farm Manager, KVK Hassan and 50 farm women's/farmers were participated in the programme.



ICAR KRISHI VIGYAN KENDRA  
**Haveri**

**KVK  
TIMES**

### Celebration of Mahila Kisan Diwas

On the eve of 'Mahila Kisan Diwas' ICAR-KVK Haveri in collaboration with Department of Agriculture Byadgi organized Kisan Goshtiat Krishik Samaja Byadgi Taluk, Haveri district. Shri. Ganesh Kammar, Assistant Director of Agriculture, Department of Agriculture Byadgi briefed about the evolution of agricultural systems and how historical development of farming practices changed from hunter-gatherer lifestyles to settled agricultural communities. Further he briefed about genesis and significance of Mahila Kisan Diwas. Dr. Akshata Ramannanavar SMS (Home Science) highlighted the crucial role of women in sustaining rural households and communities, improving rural livelihoods and overall wellbeing. She stated that women farmers and women Self Help Groups (SHGs) play an important role in agriculture development with their significant contribution to boost the rural economy. She also urged the farm women to grab the entrepreneurial opportunities in agriculture and allied sectors. She further with examples emphasised that provision of value addition of agri produce at village level provides encouraging opportunities for women farmers to uplift the rural income in sustainable way. On this occasion all Krishi Sakhi's of Byadgi taluk were honoured for contribution in the rendering technologies to uplift Mahila Kisan's.



### Capacity building programme on "Safe Use and Handling of Pesticides" through private public partnership (PPP) mode

ICAR-KVK, Haveri in collaboration with East-West Seed India Private Limited, Ranebennur conducted capacity building program on Safe use and Handling of pesticides on 14-10-2024. The program was inaugurated by Dr. Guruprasad G. S. Senior Scientist and Head, explained the classification of insecticides, their importance in pest management to avoid development of resistance and resurgence. Dr. Basamma Hadimani, SMS (Plant Protection) judicious use of pesticides for management of pest and disease and safe use and handling of pesticides. Care and precautions to be taken during purchase, storage, preparing spray solution, equipment used, applying spray solution and after spray operation. Dr. Mahesh Kadagi, Scientist (Animal Science) highlighted the effect of faulty pesticides application on Animal health, mainly OPC and OCC Compounds are toxic to domestic animals causing a variety of symptoms, including Central nervous system depression, Muscle weakness, hypersalivation, Frequent urination, Diarrhea and Colic. The severity and duration of poisoning depends on the dosage and exposure of animal to pesticide. Further, urged that if poisoning symptoms persist contact veterinarian for treatment. Dr. Akshata Ramannanavar, SMS (Home Science) explained about various precautions methods need to be taken while handling



the pesticides to avoid contamination to ensure the food chain further highlighted, at same time she narrated pesticide residue management in the food commodities for healthy life. Swarananna C, Regional manager, East & West company and Mugugendra, East



& West company for highlighted the IPM Methods in seed production for sustainable livelihood and safe environment. About 50 farmers from different villages of Haveri District got benefited from the programme.

## ICAR KRISHI VIGYAN KENDRA IDUKKI

KVK  
TIMES

### Training Programme on Importance Micronutrient for Tribal Farmers at Mannakandam

A comprehensive training programme was held at Mannakandam village, Adimali, under the Tribal Sub Plan (TSP) scheme for the year 2024-25, focusing on the crucial role of micronutrients in plant growth and development. Twenty-five tribal farmers attended the event, which aimed to enhance their agricultural knowledge and practices by introducing them to the importance of micronutrients for healthier crops and better yields. The training involved interactive sessions as well as hands-on demonstrations in the field, ensuring that farmers could observe firsthand how micronutrient application improves plant vitality.

The training was led by a team of experts, including Ms. Manju Jincy Varghese, Subject Matter Specialist (Soil Science), Mr. Sudhakar S, SMS (Plant Protection), and Dr. Geethu M, SMS (Horticulture). Each expert delivered insights into their respective fields, covering the significance of micronutrients for soil health, plant protection, and overall crop productivity. The farmers were actively engaged in discussions and field trials, which helped clarify the practical benefits of applying micronutrients to various crops. The tribal farmers appreciated the hands-on approach, which made the science behind micronutrient application easier to grasp and implement.

The training was an integral part of the broader efforts under the TSP scheme to empower tribal

communities by equipping them with modern, science-based agricultural techniques. By the end of the programme, the farmers gained a deeper understanding of the role of micronutrients in sustainable farming, which is expected to significantly impact their agricultural practices and productivity. Such initiatives contribute to enhancing the livelihoods of tribal farmers while promoting environmentally sustainable farming practices





**One day workshop on Sustainable Agriculture and Drought Management**

ICAR-Krishi Vigyan Kendra, Kalaburagi-I, Tadola Tq. Aland Gram Panchayat and All India Kisan Sabha, Jewargi Taluka Unit jointly organised one day workshop on Sustainable Agriculture and Drought Management on 03.10.2024 at Tadola village Aland Taluka.

After inauguration Dr. Raju G. Teggelli, Senior Scientist and Head, ICAR, KVK, Kalaburagi-I provided information about modernisation in agriculture is the only leads to the profitable than the ancient agriculture and also suggested to the farmers about usage of improved varieties, soil test based fertiliser application, intercropping and integrated farming system. Dr. Sanmathi Naik, A.T.S, Scientist (Horticulture) explained about the role of horticulture crops in increasing farmers income and Nutri garden plays a important role in eradicate the malnutrition problem in women's and childrens also which helps to improve the economic level of the family also source of supplemental income for households especially in rural areas. In this programme, Dr. Yallappa Ingale, Assistant Director, Department of Animal Husbandry, Dr. Sharangouda Patil, Assistant Director of Agriculture, Ashok Savaleshwar, Director, DCC Bank, Moula Mulla, Ummanna Dhanni, PDO, Prabhakar Salagare, Ravi Patil, Mylari Joge, Ex-Gram Panchayati President, Aland Taluka, Kalaburagi district and Kalyani Avute participated. More than 150 farmers were actively participated and benefitted from the workshop.



**Inter-state progressive farmers exposure visit to KVK**

Inter-state progressive farmers exposure visit of 30 farmers from Osmanabad district, Maharashtra State selected under ATMA scheme, Department of Agriculture, Osmanabad to exposure field visit to ICAR-Krishi Vigyan Kendra, Kalaburagi-I on 04.10.2024.

During the programme, Dr. Shreenivas, B. V, Scientist (Soil Science) interacted with participants on integrated farming system, about natural farming, soil health management and also explained about the KVK mandated activities, facilities like QR code based technologies, do scan call scientist service and facilities available at the KVK and visited to different demo units of KVK. Mr. M. C. Patil, Farm Manager has discussed about importance and role of crop museum and vermicompost and vermi wash also highlighted on crop cafeteria which includes different varieties of Redgram in the KVK premise.

After the programme, participants visited to different method demonstration units of the KVK like, compost, vermicompost, hydroponics, azolla units, poultry unit, medicinal & aromatic plots, soil testing labs, organic inputs demo, agricultural museum, crop museum contains cereals, pulses, fibre, millets and oil seed crops, biodiversity orchard and micro irrigation, terrace garden, watershed model and dairy farm. A total of 30 farmers from different villages of Osmanabad district and ATMA officials were actively participated and benefitted from the visit.







## Training Programme on Integrated Farming System and Sandalwood Cultivation

ICAR-Krishi Vigyan Kendra, Kalaburagi-I and Kalyana Karnataka Sandalwood cultivator Association (R), Aland taluka, Kalaburagi dist. jointly organised one day training programme on Sandalwood Cultivation and Integrated Farming System on 04.10.2024 at Niragudi village Aland Taluka.

Dr. Raju G. Teggelli, Senior Scientist and Head, ICAR, KVK, Kalaburagi-I addressed the importance of integrated farming system can increase the productivity of crops and allied enterprises per unit area

and can improve soil fertility and physical structure through crop rotation, cover crops, and organic compost and generate employment around the year by integrating agriculture with livestock, poultry, and fish also emphasised about sustainable agriculture. Dr. Sanmathi Naik A.T.S, Scientist (Horticulture) explained about the role of different medicinal crops suitable crop for Kalaburagi region also explained about Nutri-gardens can help people maintain healthy diets by providing fresh fruits and vegetables and fiber, ensure that families have access to nutritious food, source of supplemental income for households also address malnutrition and ensure food security. In this program, Department of Agriculture officials, more than 110 farmers were participated.



ICAR KRISHI VIGYAN KENDRA  
**KALABURAGI - II**

**KVK  
TIMES**

## Live broadcast of 18th PM Kisan program and CDP on enhanced production techniques for rabi crops.

On 05-10-2024 ICAR-KVK, Kalaburagi-II (Raddewadgi) organized a Live broadcast of 18th PM Kisan program and CDP on enhanced production techniques for rabi crops including the distribution of Pulse magic under Model Pulse Village scheme. Mr. Sanjeevkumar Patil, Technical officer (Computer) warmly welcomed the esteemed guests and farmers to the event. Dr. Vasudev Naik, Senior Scientist and Head, provided a concise overview of farmers significant contributions to the development of a country in this regard they expressed gratitude towards honorable prime minister for the release of 18th installment to the farmers account. Subsequently, Dr. Chethan, T. (Scientist, Horticulture), explained the main objective of model pulse village programme scheme and requested famers should take benefit from the scheme for their development. Dr. Mallappa (Scientist, Agronomy) provided insights into improved production methods for the Safflower crop. Dr. Anusuya Hugar (Deputy Director of Agriculture, Kalaburagi division) explained in detail about the various agriculture department schemes and requested famers to take benefit from it. Another chief guest Sri. Siddalinagayya Hiremath, president, Ranjanagi Gram Panchayat, happily expressed KVK's significant contributions to the

farming community in Kalaburagi district. Sri. Bhaganna Desai (SDMC president, Desanagi village), NRLM Coordinator Ashwini, JTMFPC CEO Sharanabasappa Nagavi, Taluka Krishi Sakhis, farmers and youths of different villages, technical staff were actively participated in the programme. Valedictory was done by Dr. Chandrakant (Scientist, Soil Science).





## Farmer Scientist interaction program in association with Raitamitra FPO, Nelogi

CDP on improved production technologies to farmers at Nelogi village on 07-10-2024 ICAR-KVK, Kalaburagi-II (Raddewadgi) organized an off-campus capacity-building session to farmers in collaboration with Raitamithra FPO at Nelogi village, Jewargi taluka, as part of the farmer scientist interaction. The session focused on addressing issues related to Kharif crops and ICM in rabi crops under rainfed condition. Dr. Chethan, T. (Scientist, Horticulture), presented a talk on enhanced production techniques for chilli, tomato and brinjal cultivation. Dr. Mallappa (Scientist, Agronomy) provided insights into improved production methods for red gram. Also explained the improved management practices for main rabi crops under rainfed condition for higher returns. Approximately 30 farmers participated in this off-campus capacity-building program, gaining valuable knowledge and inputs to enhance their agricultural practices.



ICAR KRISHI VIGYAN KENDRA

**KANNUR**

**KVK  
TIMES**

## A Leap Towards Eco-Friendly Farming: KVK Kannur's Biocontrol Lab Unveiled

Biocontrol Laboratory at Krishi Vigyan Kendra, Kannur, funded by the State Horticulture Mission, was inaugurated by Sri. P. Prasad, the Hon. Minister for Agriculture Development and Farmer's Welfare, Kerala on October 6th, 2024. The event, presided over by Hon. MLA of Thaliparamba, Sri. M. V. Govindan Master, marked a significant step toward promoting sustainable agriculture.



Dr. Jayaraj P., Senior Scientist and Head, KVK, warmly welcomed the dignitaries and attendees. In a ceremonial gesture, a kit of biocontrol agents produced in the lab was presented to frontline farmer Sri. Parameswaran Nair by the Hon. Minister. Adding a technological edge, the Hon. Minister and MLA unveiled "Krishi Jalakam," a collection of QR codes offering access to KVK's extensive knowledge resources. Smt. P. P. Divya, President of the District Panchayat, released the publication "ParisthithiSouhrida Sasya Samrakshanam," a comprehensive handbook on eco-friendly plant protection, along with informative leaflets on biofertilizers, entomopathogenic nematodes (EPNs), and nano pheromone traps.

The function also honored Kannur's National and State Award-winning farmers, including Smt. Bindu K. (KarshakaThilakam Award), Sri. Augustin Thomas (Kshoni Samrakshana Award), Mayyil Rice Producers Company (Best FPO Award), Sri. Shimjith N. (State Biodiversity Board





Award), and Rahul Govind (National Millionaire Farmer Award). M/S Glory Constructions were also recognized for their dedicated work in constructing the Biocontrol Lab. A vibrant "Selfie Point" was inaugurated by the Hon. Minister, adding an interactive element for visitors at KVK.

The event was graced by various prominent figures, including Adv. K. K. Ratnakumari (District Panchayat Standing Committee Chairman), Smt. Seena V. M. (President, Grama Panchayat, Kurumathur), Sri. Shanoj P. P. (Block Panchayath Member), Dr. Nidheesh P. (GC

Member, Kerala Agricultural University), Sri. M. N. Pradeepan (Principal Agricultural Officer, Kannur), Smt. Bipathu P. (Ward Member) and Dr. Vikram H. C. (Head, Pepper Research Station, Panniyur), who delivered heartfelt felicitation addresses. Dr. Manju K. P., Principal Investigator of the project and Assistant Professor (Entomology), KVK, concluded the ceremony with a vote of thanks. The inauguration was attended by staff of KVK and PRS, frontline farmers, FPO representatives, and other key stakeholders, marking a new milestone in Kannur's agricultural landscape.



## ICAR KRISHI VIGYAN KENDRA KASARAGOD

KVK  
TIMES

### Release of 18th installment of PM – KISAN and technical session on Nutri- Garden

PM – KISAN is a flagship scheme of the Govt. of India and for the release of 18th installment of the PM – KISAN, the ICAR- KVK, Kasaragod has arranged the live web casting of the Hon'ble PM's event with the participation of 37 farmers and officials. Dr. Manojkumar T.S., Head, ICAR-KVK, CPCRI, Kasaragod has interacted with the farmers and highlighted the importance of PM-KISAN programme. Dr. Saritha Hegde, Dr. Neelofar Illias Kutty, Dr. Benjamin Mathew, Mr. Dinesh Kumar Yadav, and Dr. Ramavath Pandu had coordinated the event. Apart from the live webcast of Hon'ble PM's event, ICAR – KVK, CPCRI, Kasaragod has also organised a technical session by Dr. Benjamin Mathew (SMS Horticulture) on Nutri- Garden and assorted vegetable seed kits were also distributed to the participant farmers.





## Beneficiary meet under Tribal Sub Plan programme

ICAR – KVK, CPCRI, Kasaragod organised a beneficiary meet on 15.10.2024 for distribution of agricultural inputs under Tribal Sub Plan programme in association with the Green Chandragiri Agro Farmers Producer Company Limited at Parish hall of Holy Family Church, Rajapuram. Dr. Manojkumar T.S., Head, ICAR-KVK, CPCRI, Kasaragod welcomed the gathering. Hon'ble M.P. of Kasaragod Shri. Rajmohan Unnithan inaugurated the programme by distributing the coconut and arecanut seedlings to the ST farmers. The Hon'ble M.P. has highlighted the programmes being implemented by the Govt. of India for the benefit of SC & ST farmers. The seedlings of coconut and arecanut released by ICAR – CPCRI were distributed. The event was presided over by Shri. T. K. Narayanan, President of Kallar Grama Panchayat and he congratulated ICAR – KVK, CPCRI, Kasaragod for arranging this programme and providing high yielding quality planting material of coconut and arecanut for the Tribal farmers. He has assured that the panchayat will extend full support & cooperation for the upcoming programmes. Dr. K.B. Hebbar, Director of ICAR-CPCRI, Kasaragod in his speech has emphasized on different activities being conducted at ICAR- CPCRI for the benefit of SC & ST farmers and youth. He has highlighted the ongoing eight months training programme at ICAR- CPCRI, Kasaragod on coconut cultivation which includes quality planting material production, crop management, crop protection post harvest technologies like preparation of value added products in coconut. A total of 450 coconut and 2250 arecanut seedlings were distributed to the 103 participant ST farmers. Mr. Manikandan K, Mr. Dinesh Kumar Yadav and Dr. Ramavath Pandu coordinated the input distribution programme. The programme ended with vote of thanks was given by the Shri. B. Ratnakaran Nambiar, Chairman, Green Chandragiri Agro FPC Ltd.

ICAR – KVK, Kasaragod also organised an input distribution programme under TSP at Kadumeni village where 100 coconut and 546 arecanut seedlings were distributed to 38 farmers.





**Farmers from Davangere district visit KVK Kodagu as part of tour visit**

A team of 25 farmers the Davangere KVK visited ICAR-KVK Gonikoppal, Kodagu as part of a study tour on 4th October 2024. Upon arrival, Mr. Prabhakara B, Head Incharge, warmly welcomed the farmers and provided an overview of KVK's mandates and activities. In the morning session, the group toured the KVK farm, where Smt. Lakshmi R., Farm Manager, discussed ongoing projects. She highlighted the scientific methods used in cultivating black pepper and arecanut nurseries. The farmers also explored demonstration blocks featuring coffee, black pepper, arecanut, sapota, guava, and mixed fruit under natural farming practices, along with various farm machinery units in the horticulture section. Later, the group visited the animal science unit, where Dr. Suresh, SMS (Livestock), introduced them to the piggery, dairy, goatary, and vermicomposting demonstration units. This comprehensive tour provided the farmers with valuable insights into modern agricultural practices and sustainable farming techniques. At the end of the tour, the farmers expressed their gratitude for the valuable information they received, which they were eager to implement in their own farming practices.



**Capacity building program on water, nutrient, pest, and disease management in tomato and cabbage**

ICAR-KVK, Kolar organized organized capacity building program in association with ATMA Agriculture Department Bangarpet, on water, nutrient, pest, and disease management in tomato and cabbage, at Magondhi village in Bangarpet Taluka on 01.10.2024. A total of 70 farmers participated. Dr. Anil Kumar S, Scientist (Soil Science) delivered lecture on water nutrient management in tomato. Dr. Manjunatha Reddy T.B., Scientist (PP) gave information on pest & disease management in tomato. Dr. Aswath Narayan Reddy, Assistant Professor of Entomology, participated as a resource person along with ADA, AHO, and ATMA staff.



Latitude: 12.940948  
Longitude: 78.172925  
Elevation: 811.61±24.00 m  
Accuracy: 10.00 m  
Time: 10-01-2024 13:27:23  
Note: Within Districts ATMA

NoteCam @ iOS



## Celebration of Mahatma Gandhi Jayanthi

ICAR KVK Kolar, in collaboration with DhanFoundation, commemorated Gandhi Jayanti with a focus on promoting sustainable agriculture and self-reliance among farmers on 2.10.2024 at Kolar. The event also marked the foundation day of Dhan Foundation, reflecting their ongoing commitment to empowering rural communities. The gathering included over 200 farmers who actively participated in discussions, workshops, and knowledge-sharing sessions aimed at enhancing their agricultural practices. Dr. Shivanand V. Hongal, SS&H highlighted the importance of adopting sustainable farming methods in line with Mahatma Gandhi's principles of self-sufficiency and rural development.



## Capacity building program on the use of energy-efficient pump sets and the importance of water conservation

KVK Kolar organized an on-campus training program on the use of energy-efficient pump sets and the importance of water conservation, in collaboration with Karnataka Renewable Energy Development Ltd on 5.10.2024. Smt. Lalithamba, Technical Officer at KREDL, Bengaluru, delivered a lecture on energy-efficient pumps and their operation. Dr. Anil Kumar S, Scientist (SS&AC), gave a lecture on water conservation techniques. Dr. Manjunath Reddy TB, Dr. Shashidhar K.R., and Dr. Asha K.M., scientists from KVK Kolar, participated in the program. The programme was presided over by Dr. Shivanand Hongal, Senior Scientist and Head of KVK Kolar. The program was attended by 120 farmers. After the training, KVK Kolar distributed energy-saving kits to the farmers.



## Live-streaming 18th instalment of PM Kisan Sammanidhi

The PM Kisan Samman 18th instalment release event was live-streamed to connect farmers in Kolar district with the national program. Honourable MP, Kolar, Shri Mallesh Babu inaugurated the event, highlighting the significance of the PM Kisan scheme in providing direct financial support to farmers. Key dignitaries present included Smt. Suma, JD Agriculture, and Shri Madhu K., District Coordinator SKDRDP, Kolar. The event was presided over by Dr. Shivanand Hongal, Senior Scientist and Head, KVK Kolar. Around 120 farmers attended the event, viewing the Prime Minister's address.



**Skilling of SCSP rural youth via scientific mushroom cultivation for income generation**

Mushroom can help to meet the protein requirements of the human as wells as can be an income generation activity to strengthen the weaker sections of the community. With this point of view KVK



has organized Entrepreneurship development programme via Scientific Mushroom cultivation and provided with hands on training to equip themselves by developing their skills. Twenty SC beneficiaries were selected from different parts of Kollam district "Along with the scientific mushroom technology backstopping, the beneficiaries were supplied with critical inputs like quality five number of mushroom spawn and three spawn run mushroom bed. The beneficiaries were supported with proper transfer of technology and well convinced with the adoption of technology. The technology was further propagated and monitored through ATMA & Leads programmes of DoA& FW.



**Celebration of Krishi Niratha mahila dinacharane**

Women are the back bone of agricultural work force. It was observed that women play a significant and crucial role in agricultural development and allied fields including, main crop production, livestock production, horticulture, post harvesting operation, agro/social, forestry, fishing and many more. ICAR

Krishivigyankendra, Gangavathi along with ATMA Gangavathi organised "Krishi niratha mahila dinacharne" in KVK on 15-10-2023. The programme was inaugurated by Shri. Channappamalagi, president taluk krishikasamajagangvathi briefed the role of the women in agriculture. Dr. Goudappa DSW, UAS, Raichur explained the technologies of the university for farm women. He also encouraged the farmers to adopt new





technologies in the farm field. DR Vishwanath Special officer COA, Gangvathi explained about natural farming. Dr. Raghvendra Yaligar senior scientist and head explained about the small-scale enterprises for the farm women. Dr. Chandrakanthnagdouda Agriculture officer, DATC Vadhahatti explained about the different government programmes for the farm

women. Dr. Kavitha Y Ullikashi Scientist (Home Science) explained about different drudgery reducing equipment's. She also explained about importance of nutrition garden in eradication of malnutrition in vulnerable group. A progressive farm woman Smt. Mahadevamma was felicitated in the programme. About 85 women were attended the programme.

ICAR KRISHI VIGYAN KENDRA  
**KOTTAYAM**

**KVK  
TIMES**

**Swachhtha Hi Seva campaign**

On October 1, 2024, KVK Kottayam, in collaboration with Nature Club members and local panchayat officials, organized a roadside tree-planting initiative in Kumarakom. This effort, part of the Swachhtha Hi Seva 2024 campaign, aimed to raise environmental awareness while beautifying the village's landscape. The event also played a key role in bolstering Kumarakom's recognition as the Best Agri Tourism Village by the Ministry of Tourism. By encouraging active community involvement, the initiative fostered a sense of shared responsibility for cleanliness and environmental stewardship. Ultimately, the project not only enhanced the visual appeal of the region but also promoted sustainable practices and strengthened community bonds.



**Sri. George Kurien, Union Minister of state inaugurated the Tribal Sub Plan(TSP) activities of KVK Kottayam**

During a grand ceremony at the high range village Thalanad, Union Minister of state for minorities, fisheries, animal husbandry and dairying, Sri.GeorgeKurien urged the farmers to utilise all the incentives and schemes from various strata of government for the benefit of agriculture sector. He also emphasized that it is the right of farmers to get all such incentives from governments.

More than 200 farmers from about 150 tribal families of Thalanad village attended the program on 04.10.2024. The program was attended by representatives of district, block and gramapanchayaths of the district. Senior scientist and head Dr.Jayalakshmi G. gave the keynote address explaining various activities of KVK under TSP. The Principal Agriculture Officer, Deputy

Directors, Assistant Directors and Agricultural officers from the district attended the program. All the SMSs of KVK were also part of the program.

A seminar on use of various bio control agents in pest and disease management of vegetables and plantation crops in the area was handled by Dr.SmithaRevi, Assistant Professor(Plant protection). Another session on scientific practices in vegetable cultivation was handled by Manuel Alex, Assistant Professor(Horticulture).Various bio control agents like Bacillus thuringiensis and Isaria from NBAIR Bengaluru, Trichoderma talc formulation, trichoderma enriched organic manure and micronutrient mixture 'Ayar' were distributed to all farmers in the 'KissanKit' issued from KVK Kottayam.



**PM KUSUM Component - A awareness programme**

An awareness workshop on PM-KUSUM Component A was organized at KVK Kottayam on 8th October 2024, for farming community. The event began with a welcome and introductory remarks by Dr. G. Jayalekshmi, Senior Scientist and Head of KVK Kottayam, who emphasized the importance of sustainable energy in agriculture. Sri. KP Sairaj, a representative from NSFI, served as the resource person, providing a comprehensive overview of the PM-KUSUM scheme's Component A. He highlighted how installing





decentralized solar power plants on agricultural or fallow lands can generate additional income for farmers while enhancing energy security. Special remarks were delivered by Ms. Devika Shaji, an Accredited Engineer with MGNREGS and Smt. Sobha

PP, Deputy Director of Water Management, Department of Agriculture & Farmers Welfare, inaugurated the workshop with a speech encouraging farmers to adopt solar energy solutions. She underscored the dual benefits of financial stability and energy sustainability for the agricultural sector. Farmers actively engaged with the resource persons, asking questions about the technical and financial aspects of the scheme. The workshop successfully raised awareness among the farmers about the benefits of solar energy in farming. The event concluded with closing remarks and a vote of thanks by Ms. Chris Joseph, Assistant Professor, KVK Kottayam

## ICAR KRISHI VIGYAN KENDRA LAKSHADWEEP

KVK  
TIMES

### Vegetable seed distribution programme for the fourth consecutive year In Lakshadweep

The KVK-Lakshadweep, ICAR-CMFRI in collaboration ICAR-IIHR, Bengaluru, successfully conducted its fourth consecutive Vegetable Seed Distribution Programme on September 17, 2024 under TSP project. The event took place at the Hall of the Department of Environment and Forest in Kavaratti, attracting over 100 enthusiastic farmers. This year, KVK-Lakshadweep distributed a variety of vegetable seeds, including Chilli, Pumpkin, Tomato, French Beans, Long Yard Bean, Bottle Gourd, Garden Pea, Cow Pea, and Amaranthus, benefiting approximately 2,000 farmers throughout the Lakshadweep islands. Mr. Munavarul Millath, Plant Protection Officer from the Department of Agriculture, UTLA, welcomed the participants and Dr. Abdul Azeez, Scientist ICAR-CMFRI, emphasized the significance of vegetable cultivation for food security and local livelihoods. Dr. P. N. Ananth, Principal Scientist and Head of KVK-Lakshadweep, highlighted the crucial role of vegetables in our dietary habits and reaffirmed KVK's commitment to promoting sustainable vegetable farming in Lakshadweep. This initiative marks a significant step towards enhancing agricultural practices and ensuring food sustainability in the region. The event concluded with a vote of thanks

from Mrs. Marjan, Technical Assistant from the Department of Agriculture and KVK-Lakshadweep. The programme was expertly coordinated by Dr. P. N. Ananth and the dedicated staff of KVK-Lakshadweep.



## ICAR KRISHI VIGYAN KENDRA MANDYA

KVK  
TIMES

### Method demonstration on trash management in Sugarcane

Mandya popularly known as sugar city has an average area of 34000 ha. under sugarcane cultivation every year from which around 10-12 tons of trash is produced per hectare. Every ton of sugarcane trash contains about 4-5 kg nitrogen, 1.3 kg phosphorus, 3.1 kg potash and small quantities of micro nutrients. However, when sugarcane trash is burnt most of organic matter and nutrients in the trash are lost leading to





environmental pollution and in turn leads to depleting soil health. Hence, a method demonstration with respect to preparation and use of microbial consortia for trash management in sugarcane was organized by ICAR-KrishiVigyan Kendra, V.C.Farm, Mandya on 08.10.2024 at Hullenahalli Village of Mandya taluk. To create awareness and motivate farmers for

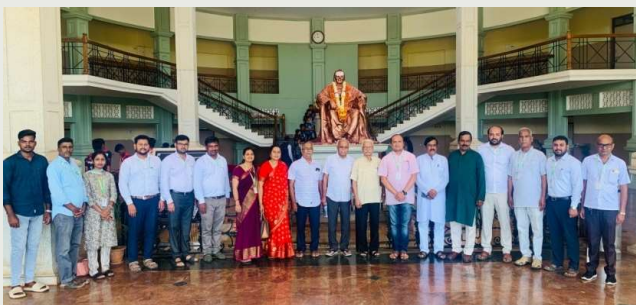
management of trash after harvest of sugarcane for improved soil health and yield of sugarcane by using microbial consortia consisting (phanerocheate + pleurotus + trichoderma + pseudomonas + Bacillus + Cellulomonas) micro-organisms which helps in better degradation of trash and narrowing down the C:N ratio.

## ICAR KRISHI VIGYAN KENDRA JSS SUTTUR, MYSURU

# KVK TIMES

### Celebration of Gandhi Jayanti at ICAR JSS KVK Suttur Mysuru

ICAR JSS Suttur Mysore celebrated Gandhi Jayanti. Prof Suresh University of Mysore was the chief guest. He highlighted the Gandiji principles and focused on Swachhata Bharath. More than 400 audiences participated in the program, including JSS Heads, farmers, school children and senior citizens.



### Participation in dussehra flower show exhibition & Raitha Dasara Exhibition at Mysore

Vasundhara food products developed at ICAR JSS KVK Suttur Food processing unit to promote value added products and entrepreneurship two stalls have been put in dussehra flower show exhibition at Kuppanna Park Mysore. Kisan Samruddhi has been displayed on all the products. Also terracotta products were sold in the Dussehra Flower show exhibition at Mysore. Participated in Raitha Dasara Exhibition and exhibited all KVK products and displayed services available at KVK stall JK grounds Mysuru.







### Exposure visit for ASCI Skill development gardener trainees to ICAR IIHR CHES, Chettahalli

ICAR JSS Krushi Vignyan Kendra, Suttur, Mysore organised an exposure visit for ASCI Skill development gardener trainees to ICAR IIHR CHES, Chettahalli and interacted with the scientists regarding ongoing activities related to horticulture plants propagation, later visited the mother blocks of different fruit crops and Dr Muralidhara B M demonstrated the different types of vegetative propagation in fruit crops, Dr Nayan Deepak and practically explained the raising of rootstocks in fruit crops.



ICAR KRISHI VIGYAN KENDRA

**PALAKKAD**



### Two Day Natural Farming Training at KVK Palakkad

A two-day training program on natural farming was conducted at KVK Palakkad for farmers from the Palakkad district. The training aimed to promote sustainable agricultural practices and was attended by RAWE (Rural Agricultural Work Experience) students from the College of Agriculture, Karunya Institute of Technology and Sciences, Coimbatore and farmers from Sreekrishnapuram and Thrithala blocks. During the training, various natural farming techniques were introduced to the participants, focusing on the preparation and application of organic formulations such as Jeevamritham and Brahmastra. The RAWE students actively demonstrated the methods for preparing these formulations, providing hands-on guidance to the farmers. The training emphasized the benefits of natural farming in enhancing soil fertility and reducing dependence on chemical inputs, thereby fostering eco-friendly and cost-effective farming practices.

Author: **Dr. Resmi J**, Assistant Professor, KVK Palakkad



*“The difference between what we do and what we are capable of doing would suffice to solve most of the world's problems.” – Mahatma Gandhi*



## Vocational training in Animal Husbandry

KVK Palakkad conducted 5 day vocational training in Animal Husbandry (Cattle rearing, Goat Rearing, Rabbit rearing, and Poultry rearing). Around thirty trainees attended the programme. The training program conducted at KVK Palakkad provided comprehensive knowledge and practical skills in animal husbandry to the participants. Key areas of focus include cattle breeds, nutrition, health management, reproduction, dairy farming practices, poultry breeds, housing, food, disease control, rabbit breeds, housing, nutrition, breeding and meat production, goat breeds, nutrition, health management, reproduction, and meat production. The training also provided practical exposure involving hands-on experience at the Meat Plant at Mannuthy which offers insights into meat processing, hygiene standards, and quality control measures. A visit to the Dairy Plant at Mannuthy gave an exposure to milk processing, pasteurization, packaging, and quality assurance. Different Farms at KVASU Mannuthy were also visited by trainees which equipped them with better experience in farms specializing in cattle, poultry, rabbit, and goat rearing. In addition to classroom instruction, the training program incorporates classes conducted at the visited sites. Overall, the vocational training program at KVK Palakkad equipped trainees with the necessary skills and knowledge to excel in the field of animal husbandry and contribute to sustainable livestock production.

Author : **Dr.Smijisha A.S**, Assistant Professor, KVK, Palakkad



## Vocational Training on Micro Irrigation Technician

A vocational training was conducted at KVK, Pattambi, from 19/09/2024 to 25/09/2024 on "Micro Irrigation Technician". Thirty-three farmers from various districts of Kerala attended the training program. On the first day, the session was handled by Er. Praveena K.K and covered 'Classification and Components of Micro Irrigation.' The next day's classes focused on 'Fertigation and Fertigation Equipment.' Subsequent classes were covered on 'Design and Installation of Drip Irrigation.' A field visit was conducted to demonstrate the 'Layout and Automation of Drip Irrigation.' The trainees interacted with the Engineer of micro irrigation and the land holder of the demonstration field. On the last day of the vocational training programme, the certificates were distributed among the trainees.



ICAR KRISHI VIGYAN KENDRA  
**PATHANAMTHITTA**

**KVK  
TIMES**

## One-day workshop on solar energy for agriculture under pm-kusum scheme

A one-day workshop on the Pradhan Mantri Kisan Urja Suraksha evam Uthhan Mahabhiyan (PM-KUSUM) scheme was successfully organized at ICAR-KrishiVigyan Kendra, Pathanamthitta on 9th October 2024. The workshop aimed at promoting the adoption of solar energy in the agricultural sector was held under

the auspices of the Ministry of New and Renewable Energy (MNRE), Government of India.

The event was inaugurated by Rev. MoncyVarughese, Director,CARD. In his inaugural address, he stressed the importance of renewable energy solutions in enhancing agricultural productivity while addressing the growing energy needs of rural India.

Dr. C.P. Robert, Senior Scientist and Head, ICAR-KVK,



Pathanamthittadelivered the keynote address. He emphasized the vast potential of renewable energy, particularly solar power, in transforming the agricultural landscape by reducing dependency on conventional energy sources and ensuring a sustainable and cost-effective energy supply for farmers. He elaborated on how the PM-KUSUM scheme is playing a vital role in achieving these goals by enabling the installation of solar power plants on agricultural land and providing support for solar-powered irrigation systems.

The technical session was led by Mr. K.P. Sairaj, a representative from the National Skill Foundation of India (NSFI). His presentation focused on the technical and financial aspects of setting up solar plants under the PM-KUSUM scheme. Mr. Sairaj provided detailed guidance on the different components of the scheme, including the benefits for farmers, subsidy provisions, and the steps involved in applying for and implementing solar projects on their lands. Dr. Sindhu Sadanandan, SMS (Agricultural Extension) and Mrs. Gayatri S., Programme Assistant (Lab) also addressed the gathering, stressing the role of modern extension practices in promoting solar adoption and its impact on sustainable farming. A total of 30 farmers, 12 officials and 18 students benefited from the workshop. Participants gained valuable knowledge on how solar energy could improve farm productivity, reduce costs and contribute to environmental sustainability. The workshop concluded with an interactive session where participants raised queries regarding the installation and operation of solar systems. Farmers, in particular, expressed their interest in utilizing solar power for irrigation and other agricultural needs.



## Swachhta diwas with a cleaning drive on 2nd october 2024.

The KrishiVigyan Kendra (KVK) Pathanamthitta marked SwachhtaDiwas on 2nd October 2024 with a dedicated cleaning drive at its premises. The event was part of the national Swachhta Hi Seva campaign observed from 25th September to 2nd October 2024, culminating on the birth anniversary of Mahatma Gandhi. In the Swachhta Hi Seva Campaign, 10 programmes were organised and a total of 340 people participated in the campaign. The KVK's participation in SwachhtaDiwas reflects its commitment to promoting cleanliness and hygiene as a tribute to Gandhi's vision of a clean India. As part of the annual Swachhta Bharat Diwas celebrations mega cleanliness drive in KVK campus and surroundings was carried out. A meeting was also conducted to honour local sanitation workers for their contributions. The Swachhta Bharat Diwas celebration at the KVK campus was inaugurated by Dr. C. P. Robert, Senior Scientist and Head. As part of the waste management theme, movable composting units were distributed to farmers, promoting sustainable practices. A total of 59 people participated in the event, including 3 VIPs, 21 farmers, 19 college students, and 16 KVK staff members. The event highlighted the importance of cleanliness and waste management in the community.

Dr. C.P. Robert, Senior Scientist and Head, KVK, Pathanamthitta, emphasized that SwachhtaDiwas is not only a symbolic day but also an opportunity to reinforce the culture of cleanliness in all aspects of life. The initiative aims to inspire the local community to adopt sustainable sanitation practices and ensure a cleaner environment. He further reiterated that cleanliness should be a continuous effort, not confined to special days, and urged everyone to take responsibility for keeping their surroundings clean.





## Field day on High Density Planting System by ICAR-KVK, Raichur

A field day was conducted on High Density Planting System (HDPS) in cotton at Boidoddi village of Raichurtaluk by ICAR-KrishiVigyan Kendra, Raichur in association with All Indian Coordinated Research Project on cotton, Main Agricultural Research Station, Raichur and Rasi Seeds, Ankur Seeds, Asian Agri genetics and Pravardhan Seeds under the special project of NFSM cotton funded by ICAR-Central Institute of Cotton Research, Nagpur. At the outset, Dr. Shreevani G N, Scientist (Entomology), ICAR-KrishiVigyan Kendra, Raichur welcomed the guests and farmers who participated in training. She shed light on the revolutionary concept of high-density planting system in cotton farming which represents a paradigm shift in cotton agriculture, offering a sustainable, efficient, and economically viable solution for farmers. In Raichur, Karnataka, farmers predominantly grow cotton during the Kharif season, utilizing a blend of traditional and modern techniques. The region's semi-arid climate and black soil favour cotton cultivation, with practices like deep ploughing, the use of high-yielding hybrids, and a mix of organic and chemical fertilizers. Efficient water management through drip irrigation is crucial due to reliance on monsoon rains. Farmers also use crop rotation and intercropping to maintain soil health and control pests, with manual harvesting ensuring high-quality cotton fibre.

Dr. Ajay Kumar, Senior Agronomist, AICRP on Cotton, MARS, Raichur explained in brief about the use of improved hybrids in high-density planting (HDP) systems for cotton cultivation which represents a significant advancement in agricultural practices. He said that these hybrids are specifically bred to thrive in close proximity, allowing for optimal utilization of available land and resources. By deploying improved hybrids in HDP, farmers can achieve higher yields per hectare while maintaining crop quality and resilience. These hybrids typically exhibit traits such as enhanced disease resistance, improved fiber quality, and tolerance to environmental stresses, which are crucial for maximizing productivity in intensified planting configurations. Moreover, their adaptability to denser planting densities contributes to better weed suppression and more efficient nutrient uptake, further enhancing the sustainability and profitability of cotton farming operations.

Dr. S.G. Hanchinal., Senior Scientist (Entomology), AICRP on Cotton, MARS, Raichur, defined in detail about integrated pest management in Bt-cotton which

refers to a sustainable approach that combines biological, cultural, physical, and chemical control methods to manage pests effectively while minimizing economic, health, and environmental risks. In cotton farming, IPM aims to prevent pest damage through practices such as crop rotation, use of resistant varieties, monitoring pest populations, and employing natural enemies like beneficial insects. It emphasizes the judicious use of pesticides only when necessary and in combination with other management strategies to maintain pest populations below economically damaging levels.

Dr. Umesh Babu B. S., Young Professional-I, ICAR-KrishiVigyan Kendra, Raichur explained about the agronomic practices to be followed in cotton cultivation which encompasses a holistic approach aimed at maximizing yield and sustainability. Around 103 beneficiary farmers from different villages were present and got much more information about High Density Planting System in cotton.





**Celebration of Mahila Kisan Diwas -2024**

ICAR-KrishiVigyan Kendra Ramanagara celebrated Mahila Kisan Diwas on 15.10.2024 at KVK premises. The programme was inaugurated by the women scientists of ICAR-KVK Ramanagara and farm women by pouring water on the plant. On this special occasion KVK scientist Dr. Sowjanya, S., Scientist (Agricultural Extension), highlighted about the significance of celebrating "Mahila Kisan Diwas also known as International Rural Women day". She briefed the important contribution of women farmers in agriculture production, value addition, processing and nutritional security and contribution of them towards Indian economy and demonstrated Millet Mixture and silk cocoon garlands preparation procedures. Dr. Babu Raja Ram Mohan Roy, Scientist (Agril. Engineering) explained about drudgery reducing equipments for helping the farm women to conduct agricultural operations. Mr. Vinodh, Project coordinator, NRLM, Ramanagara explained about central and state schemes for the development of the womens in rural areas. During this special occasion KVK staffs Dr. Dinesha, M.S., Scientist (Agronomy), Dr. Deepa Pujar, Scientist (Horticulture) and more than 30 farm women participated and were benefited.



**Field Day on Integrated Crop Management in Maize**

The ICAR - Krishi Vigyan Kendra, Shivamogga in collaboration with agriculture and horticulture research station, Honnavile conducted field day on integrated crop management in maize at Honnavile on 01-10-2024.



The programme was inaugurated by Dr. R. C. Jagadeesha, Hon'ble Vice-Chancellor, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga. In his inaugural speech, suggested that farmers to go for adopting intercropping system as redgram, green gram or soybean instead of monocrop of maize which helps to improve the soil fertility with increased the farmers



income. In this programme Dr. C. J. Shreedhar, Professor and Head, Department of Agronomy, Dr. C. Sunil, Senior Scientist and Head, KVK, Shivamogga, Dr. Rudragouda, F. C., Scientist (Agronomy), Dr. Girish, R., Scientist (Plant Protection), Dr. Suresh Naik, K. P., Senior Farm Superintendent, Dr. Shilpa, H. D., Assistant Professor participated in the programme. Around 150 farmers and farm women participated and get benefitted integrated crop management in maize technology.

**Field day on Management of Fall Army Worm in Maize**

ICAR-KrishiVigyan Kendra, Shivamogga conducted field day on technology demonstration on Management of Fall Army Worm in Maize at Athibylu village, Shikaripura talk on 07-10-2024. The front line demonstration technology demonstrated on seed treatment with insecticide Thiamethoxam + Chlorantraniliprole at 4 ml per kg. of seeds and installation of pheromone traps with Spodopterafrugiperda lure at 8 traps per acre. The farmers were happy to manage the pest from sowing to till 45 days after sowing with less infestation and moth catches in traps. A total of 18 participants were enlightened with technology. The scientists present were Dr. Girish, R., Scientist (Plant Protection), Dr. Rudragouda F.C., Scientist (Agronomy) and farmers.



**Training on Organic Farming and Felicitation to progressive farmers**

ICAR-KrishiVigyan Kendra, Shivamogga, KeladiShivappaNayaka University of Agricultural and

Horticultural Sciences, Shivamogga and Rotary Club (Central), Shivamogga jointly organized the training programme on “Organic Farming and Felicitation to the progressive farmers” of Shivamogga district” on 10-10-2024. Dr. R. C. Jagadeesha, Hon'ble Vice-Chancellor, KeladiShivappaNayaka University of Agricultural and Horticultural Sciences, Shivamogga inaugurated the programme and addressed the audience. Dr. Shree BasavaMarulsiddaswamiji, Basava Kendra, Shivamogga, Sri H. R Basavarajappa, Raita Sangha (President) and all the office bearers & members of the Rotary Club, Dr. Sunil C., Senior Scientist and Head, KVK, Shivamogga, farmers and students attended the programme. During this event seven progressive farmers of Shivamogga District were felicitated. Total 65 farmers and farm women participated in the programme and get benefitted.



ICAR KRISHI VIGYAN KENDRA  
**THIRUVANANTHAPURAM**

**KVK  
TIMES**

**KVK extends technical support for 'Koongramam'- An Initiative for the promotion of mushroom cultivation**

ICAR-KVK Mitraniketan has been entrusted with the responsibility of providing technical support for mushroom cultivation under the 'Koongramam' scheme of Nedumangad Block.'Koongramam' scheme

launched by Department of Agriculture with the technical support of KVK aims to enhance income generation among rural women and youth through mushroom cultivation. KVK provided hands on training for the beneficiaries of the scheme. Method demonstrations and video shows were also arranged to facilitate easy adoption of the technology. KVK mainly focussed on the beginner cultivators by addressing the



challenges that can hinder their success. The training aimed to equip participants with the knowledge and skills needed to tackle issues related to infections, pests, short shelf life, and market access.

During the first fortnight of October 2024, training was imparted to 100 rural youth in four batches. The trainings served the purpose of skill development on mushroom cultivation for the participants. The training had theoretical sessions as well as practical demonstrations, including techniques for mushroom bed preparation. Moreover, the participants were educated for innovative use of mushroom spent waste towards compost production and vegetable cultivation. This approach not only minimizes waste but also promotes sustainable agricultural practices.

The 'Koongramam' initiative is a commendable step towards fostering economic growth and nutritional improvement in rural communities. By equipping individuals with the necessary skills and knowledge for mushroom cultivation, this scheme holds the promise of transforming lives and enhancing food security.



# ICAR KRISHI VIGYAN KENDRA THRISSUR

# KVK TIMES

## Entrepreneurial meet and workshop of entrepreneurs in the food processing sector

KVK Thrissur hosted an Entrepreneurial Meet and Workshop on October 4, 2024, that aimed at fostering innovation and collaboration among entrepreneurs in the food processing sector. The event brought together aspiring and established entrepreneurs, and stakeholders to discuss challenges, opportunities, and the latest trends in food processing. The workshop's primary goal was to equip participants with essential skills and knowledge to enhance their business operations and encourage networking among food processing entrepreneurs. The event also aimed to promote sustainable practices and innovation in the food processing industry.

The one-day workshop proved to be an effective platform for food processing entrepreneurs to collaboratively brainstorm solutions tailored to their respective industries. The workshop was structured into interactive sessions, with participants divided into groups based on their specific areas of interest within the food processing sector like coconut-based products, honey-based products, vegetable and fruit-based products, curry powder units etc. Sessions on current trends in food processing, best practices for maintaining quality and safety in food processing operations, effective marketing strategies tailored for food products, including digital marketing and branding techniques funding options available for food processing start-ups, including government schemes were handled. An interactive networking segment allowed participants to connect, share experiences,

and explore potential collaborations. The suggestions generated during group discussions reflected a proactive approach to addressing current challenges and enhancing operational efficiency.





## Participatory Rural Appraisal (PRA) for Rice-Based Farmer Producer Organization (FPO)

As part of EDP for Strengthening FPO through intensifying and diversifying market-led sustainable production system, a Participatory Rural Appraisal (PRA) was conducted in Vellangallur Panchayat on 11th October 2024 to engage rice farmers in a collaborative assessment of their needs, challenges, and opportunities. This event aimed to empower farmers, facilitate their voices in decision-making and strengthen the rice-based Farmer Producer Organization (FPO).

The main objectives of the PRA were to identify key challenges faced by rice farmers of Vellangallur panchayat, gather insights on farming practices and market dynamics, promote collective problem-solving and strategy formulation and strengthen the organizational capacity of the FPO.

The PRA utilized various participatory techniques to gather information, including Focus Group Discussions, mapping exercises including resource/social mapping and hazard mapping, matrix ranking and venn diagramming. The Participatory Rural Appraisal



provided valuable insights into the needs and aspirations of rice farmers within the FPO. By fostering a participatory approach, the PRA empowered farmers to voice their concerns and collaboratively identify solutions. Moving forward, implementing the recommendations will enhance the resilience and profitability of rice farming in the region.

## Training programme on processing and value addition of jackfruit

An intensive two-day training program focused on the processing and value addition of jackfruit was held at the Common Facility Centre of KVK Thrissur. The training aimed to equip participants with the knowledge and skills necessary to enhance the economic potential of jackfruit, a widely available yet underutilized fruit in the region. The on-demand training was attended by a select group who were interested in starting an enterprise in this regard. The program mainly focused on exploring the possibilities of processing and value addition of different parts of jackfruit like tender jackfruit, seeds, raw jackfruit, semi-ripe, fully ripe fruit, under-utilized parts of jackfruit, etc. Products of commercial value and improved marketing strategies were also discussed as part of the program.



ICAR KRISHI VIGYAN KENDRA  
TUMAKURU-I

KVK  
TIMES

## Sanjeevini KSRLPS KrushiShaki training programme

ICAR-KVK-Tiptur, Tumkur-1 conducted Sanjeevini KSRLPS KrushiShaki training programme from 04/10/2024 to 09/10/2024 for 35 KrushiShaki's batch. Dr. Govinda Gowda, Senior Scientist and Head, ICAR-KVK, Tiptur inaugurated the programme and briefed about scope and importance of natural farming. Dr. Shivappa Nayak, Scientist (Animal husbandry) briefed about livestock production. Dr. Keerthi Shankar, K., Scientist (Horticulture) explained about Different types

of farming system and seed treatment. Dr. Tasmia Kousar, Scientist (Agronomy) explained the different types of soil, soil and water analysis and soil health card. Mr. Manoj, Scientist (Plant protection) talked about different Biological methods of pest and disease control. Mr. Drashan, M.E., explained about different teaching methods, Certification and KVK role etc.

## Celebration of Gandhi Jayanti

ICAR KVK TIPTUR Tumkur -I celebrated Gandhi Jayanti. During this special day conducted a swachata drive along with the tree planting in the campus.





### Farm Trials on "Assessment of different methods of virgin coconut oil extraction."

ICAR KVK Tiptur, Tumkur-1 Scientist (Home science)

visited Virgin Coconut Oil extraction unit (BMS enterprises, Obbenagasandra, Turuvekere) to witness the hot processing method of virgin coconut oil extraction as a part of ongoing On-Farm Trials on "Assessment of different methods of virgin coconut oil extraction."



## ICAR KRISHI VIGYAN KENDRA TUMAKURU-II

### On-Campus Training on Oyster Mushroom Cultivation Held at KrishiVigyan Kendra, Hirehalli

An on-campus training session on Oyster Mushroom Cultivation was successfully conducted on 1st October 2024 at the KrishiVigyan Kendra (KVK), Hirehalli. The event was organized by the ICAR-KVK, Hirehalli, Tumakuru to provide hands-on training to local farmers and aspiring entrepreneurs in the field of mushroom cultivation. The session was inaugurated by Dr. Loganandhan N., Principal Scientist and Head of ICAR-KVK, Hirehalli, who briefed the participants about the objectives of the training program. In his opening remarks, he emphasized the importance of mushroom cultivation as a potential business venture, encouraging participants to seize the opportunity and strive to become successful entrepreneurs in the agricultural sector.

Mr. Ramesh P.R., Subject Matter Specialist in Soil Science, delivered an insightful lecture on spawn production techniques, which form the foundation of mushroom cultivation. He guided the trainees through the entire process, ensuring they understood the technicalities involved in producing quality spawn for large-scale mushroom farming. Following this, Mrs. Radha R. Banakar, Subject Matter Specialist in Home Science, presented an engaging session on the nutritional benefits of various types of mushrooms, particularly focusing on oyster mushrooms. She also shared detailed information about the practical aspects of oyster mushroom cultivation, from substrate preparation to maintaining the appropriate environmental conditions.

As part of the hands-on training, participants were given live demonstrations on essential techniques such as mushroom bag filling and bag incubation methods, allowing them to get practical experience in every step of the cultivation process. This practical exposure will help participants apply the knowledge they gained in their own farms. The training concluded with the distribution of certificates and training manuals to all participants. A total of 42 farmers and farm women from Tumakuru and surrounding areas actively participated in the program, making it a significant step towards promoting sustainable agricultural practices and mushroom entrepreneurship in the region.







## Graduation Day Ceremony of Diploma in Agricultural Extension Services for Input Dealers (DAESI) Held at ICAR-KVK, Hirehalli on 20th Sept. 2024.

The Graduation Day for the Diploma in Agricultural Extension Services for Input Dealers (DAESI) was celebrated with great enthusiasm on 20th September 2024 at ICAR-Krishi Vigyan Kendra (KVK), Hirehalli, Tumakuru. The event marked the successful completion of the one-year diploma course for the fifth batch of participants, a program aimed at enhancing the skills and knowledge of agricultural input dealers to better serve the farming community.

Dr. Loganandhan N., Principal Scientist and Head of ICAR-KVK, Hirehalli, offered his heartfelt congratulations to the fifth batch of DAESI graduates. In his introductory remarks, Dr. Loganandhan emphasized the importance of such programs in bridging the gap between farmers and scientists. He stated that the DAESI program equips input dealers with the skills to act as Krishi Information Centres rather than just suppliers of agricultural inputs, significantly enhancing their role in rural areas. He also noted that with this diploma, the responsibility of serving farmers would grow, as they become essential contributors to agricultural extension efforts.

Dr. R. Narayana Reddy, DAESI - SAMETI, Bengaluru, graced the occasion as the Chief Guest and distributed the official Diploma certificates, issued by the National Institute for Agricultural Extension Management (MANAGE), Hyderabad. In his address, Dr. Reddy congratulated the graduates and encouraged them to continue working closely with farmers, urging them to apply the knowledge gained to uplift the agricultural sector. He emphasized that their work would not only benefit farmers but also bring pride to the institute that trained them.

The event also featured Dr. H.L. Chandrakumar, Deputy Director of Agriculture (DDA), Tumakuru district, as the Guest of Honour. He congratulated the DAESI graduates and highlighted the critical role they now play as ambassadors of agricultural knowledge and extension services in their communities. Shri. K.N. Jagadish, Subject Matter Specialist (SMS), emphasized the importance of technology transfer in agriculture and how it can boost farmers' incomes. He encouraged the DAESI diploma holders to go a step further by acquiring technology licenses from research institutes, which would enable them to become agri-entrepreneurs and directly benefit the farming community.

The top performers of the diploma course were also recognized and awarded during the ceremony: Shri. Shankar L.J. – 1st Rank Gold Certificate, Shri. Ravindara E.L. – 2nd Rank Silver Certificate and Shri. Nagaraju P – 3rd Rank Bronze Certificate. A special Oath-taking ceremony was conducted, where all the graduates pledged to serve the farming community with dedication and integrity. The event commenced with the Raitha Geete, setting a patriotic tone for the day's proceedings.

The program was facilitated by Shri. S.C. Chandraiah, Retired Assistant Director of Agriculture, Hiriya, and Shri Ramesh P.R., SMS Soil Science, Nodal Officer, DAESI Fifth Batch who played a key role in guiding the participants through their learning journey. The event commenced with a warm welcome by Shri Ramesh P.R., SMS Soil Science, Nodal Officer, DAESI Fifth Batch followed by the Vote of Thanks delivered by Dr. Somashekar, SMS, Plant Breeding. The Graduation Day was made even more special by the participation of all KVK staff members, including Prasanth J.M., Radha R. Banakar, and Shashidhar, alongside Shri Rajashekariah, Retired Agriculture Officer, Tumakuru. Their support and presence contributed to the success of the event. The program concluded with the National Anthem, bringing an inspiring and patriotic close to the memorable event.





## Field Day on Marigold Hybrid Arka Bhanu Organized by ICAR-KVK, Hirehalli

On 15th October 2024, ICAR-KVK, Hirehalli, in collaboration with ICAR-IIHR, Bengaluru, organized a successful Field Day focused on the Marigold Hybrid Variety ArkaBhanu at Nilamannahalli, Pavagada Taluk, Tumakuru District. The event aimed to raise awareness about the benefits of cultivating the high-yielding Arka Bhanu variety among the local farming community. The program commenced at 11:00 AM with an impressive turnout of 98 enthusiastic farmers from nearby villages. The day began with a field visit to the Marigold Arka Bhanu plot of Shri Lakshminarayan Reddy, a progressive farmer from the region, providing participants with a hands-on look at the crop's growth and performance under local conditions. The field visit set the stage for further discussions on the potential of Arka Bhanu to improve farmers' livelihoods. Dr. Tusar Kanti Behera, Director of ICAR-IIHR, Bengaluru, graced the event with his presence and inaugurated the program. In his address, Dr. Behera emphasized the importance of using quality seeds such as Arka Bhanu, developed by IIHR, to significantly enhance farmers' incomes. He highlighted the research and development efforts by ICAR-IIHR that are directed towards empowering farmers by offering high-performing varieties and innovative farming technologies.

Dr. N. Loganandhan, Principal Scientist and Head of ICAR-KVK, Hirehalli, Tumakuru, spoke about the various benefits of adopting IIHR's advanced horticultural technologies. He encouraged farmers to take advantage of these innovations to promote sustainable agriculture, focusing on improving crop productivity and resilience in the face of changing climatic conditions. The scientific team also shared valuable insights with the farmers. Dr. Tejaswini, Principal Scientist, Division of Flower and Medicinal Crops, outlined the specific advantages of cultivating Arka Bhanu in the Pavagada region. She noted that this variety, known for its robust growth, high yield, and adaptability to local agro-climatic conditions, holds tremendous promise for increasing farmers' profits. Dr. Naveen Kumar, Head, Division of Flower and Medicinal Crops, further elaborated on the need for farmers to diversify their crops by incorporating flowers like Marigold into their farming systems. He emphasized that flower crops can play a crucial role in stabilizing farmers' incomes, particularly in regions like Pavagada, where traditional crops alone may not offer adequate returns.

Dr. V.K. Jayaraghavendra Rao, Head (I/c), Division of Social Sciences and Training, urged the farmers to embrace IIHR varieties more broadly. He stressed that wider adoption of these scientifically-developed varieties could contribute significantly to boosting agricultural productivity and resilience in the region. A highlight of the event was the special address by Shri Lakshminarayan Reddy, Progressive farmer who has successfully adopted ArkaBhanu. He shared his personal experience of cultivating the ArkaBhanu and spoke at length about its market potential, superior post-harvest value, and the ways it has positively impacted his income and livelihood. His testimony served as a motivational case study for other farmers, demonstrating how ArkaBhanu can serve as a game-changer in the rural economy of Pavagada.





The Field Day also provided a valuable platform for interaction between scientists and farmers. The program was effectively coordinated by Shri K.N. Jagdish, SMS (Agril. Extension), and Shri Prasanth JM, SMS (Horticulture), ICAR-KVK, Hirehalli, Tumakuru. Their efforts ensured that the event was a success, contributing to the promotion of ArkaBhanu cultivation in the region and fostering knowledge exchange that

will benefit farmers in the long run. Overall, the Field Day on Marigold Hybrid ArkaBhanu was a fruitful initiative, showcasing the potential of innovative agricultural practices and IIHR varieties to transform farming and improve livelihoods in Pavagada Taluk. The event left farmers inspired and better equipped to adopt new technologies and crop varieties that can enhance their agricultural output and economic well-being.

**ICAR KRISHI VIGYAN KENDRA  
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**Awareness program and workshop on pearl culture**

An awareness program and workshop on freshwater pearl culture farming was organized on 30th September 2024 at ICAR-KVK campus, Udupi, Brahmavara. The program was co-organised by Udupi Kinara Fish Farmer Producer Company, Sastana, Amritheshwari Farmer Producer Company, Sastana, SCODWES, Dept. of Agriculture and Dept. of Fisheries of Government of Karnataka and Zilla Panchayath of Udupi. Dr. Dhananjaya B, Senior Scientist and Head, ICAR-KVK Udupi, presided over the inauguration ceremony. Mr. Anand C. Kundar, a successful entrepreneur in fisheries from Manoor, Kota inaugurated the ceremony. In his speech, he emphasized on the income generating activities for rural youth using technologies such as pearl culture and back yard fish farming. Other guests present were, Asst. Director of Fisheries, Mr. Ravi and other officials from Dept. of Agriculture and Fisheries. Mr. Prajwal, a successful entrepreneur spoke on the various steps involved in pearl farming and emphasized on scientific methods and skill development. Mr. Naveen Chandra from Sullia demonstrated his pearl culture materials and pearl mussels while narrating his success stories in the pearl farming.



**Certificate Course in Nursery Management**

A three month-long in-house Certificate course on Nursery Management has initiated and inaugurated on 30.09.2024 at ICAR-KVK, Udupi. The course has been developed in collaboration with Zonal Agriculture and Horticultural Research Station, Brahmavara, Keladi Shivappa Nayaka University of Agriculture and Horticultural Sciences, Shivamogga, ICAR-Krishi Vigyana Kendra, Brahmavara. The inauguration of the program was done by Mr. AnandKundar, an entrepreneur from Kota, Udupi district. The program was presided over by Associate Director of Research and Senior Scientist and Head of KVK, Dr. Dhananjaya B. Horticultural scientists, Dr. Bhoomika M. R., and Dr. Chaitanya, H. S. were present as course coordinators. Dr. Mohan Kumar V coordinated the inaugural session and practical classes. As many as 15 participants from different age group participated in this paid certificate courses that happens to be first of its kind in the University.





**Golden Jubilee festival torch travel event**

The Golden Jubilee festival torch travel event of KVK was held on 31.07.2024 at KVK Uttara Kannada, Sirsi. Dr. R Vasudeva, Dean, Forestry received the torch from KVK Shivamogga. Dr. Roopa Patil, Senior Scientist and Head, briefed the mandates and activities of KVK in India. She also stated that the torch symbolizes the transfer of knowledge and commitment to agricultural progress. The event also featured the Natural farming training in collaboration with SCODWES. Around 42 farmers/ Farm women's, Scientists, and NGO staff participated in the programme. Later, torch was handed over to KVK Dharwad, which was received by Dr. P.L Patil, Vice Chancellor, University of Agricultural Sciences, Dharwad.



**FLD on demonstration of low GI New paddy variety RNR 15048 (Telangana Sona)**

The KVK officials Dr. Amit M. Pujar, SMS (Agronomy) and Dr. Arjun R. S. (Plant protection) made follow up visit to front line demonstrations plots of paddy at Malagi and Pala villages of Mundgod Taluk, Uttara Kannada. Since, large population in India consume rice as staple food and are suffering from type 2 diabetes. The new rice variety RNR 15048 having glycemic index of 5 %. Further, large scale incidence of blast and sheath rot in paddy significantly reduces the yield. With the KVK intervention introduced the new paddy variety RNR 15048 in Malagi and Pala villages, which were severely prone to incidence of disease. This variety is sugar free paddy variety that fetches a high market price due to its fine grain and good cooking quality. The farmer Mr. Nagendra expressed that paddy variety showed resistance to blast and sheath blight. We suggested the farmers to adopt good agronomic practices to get higher yield and market price.







## Swachh Bharat Abhiyan

As a part of the Swachh Bharat Abhiyan 2024 celebration, themed "Swabhav Swachhata Sanskar Swachhata" the ICAR KVK Uttara Kannada, Sirsi organized an awareness program at Ramanbail Higher Primary School. Educational sessions were delivered to sensitize and encourage young minds to inculcate healthy habits of cleanliness and environmental consciousness. Later, students and teachers were encouraged to actively participate in cleaning the school surroundings by removing bushes, weeds, polythene and other waste materials. The program also featured a student drawing competition themed "Dream of a Clean India". This event provided a platform for the students to express their creativity and ideas in making green and clean India. To recognize their efforts the best performers were awarded prizes. This event played a key role in creating awareness regarding personal and environmental cleanliness among students. Over all, the event witnessed enthusiastic participation from students (65) of different classes.



## ICAR KRISHI VIGYAN KENDRA VIJAYAPURA - I

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### ICM in Pigeonpea

Vijayapur district has the second largest area under Pigeonpea (4.5 lakh ha) in Karnataka KVK Vijayapura is playing important role in maximizing the yields of farmers with new technologies developed by University of Agricultural Sciences, Dharwad. KVK has undertaken demonstration with new variety GRG-811, GRG-152, ICPH-2740, intercropping with Bajra, Navane, CFLD – ICM in Pigeonpea 125 demos have been taken. KVK is playing pivotal role in minimizing the no of sprays for pest and disease farmers are taught about quality production in trainings to farmers. KVK is conducting trainings in villages, taking up surveys for pest and diseases, mass media, whatsapp messages and management practices through QR Code. KVK has set the target of increasing the productivity of district from 750kg/ha to 900kg/ha this year.







**ತೊಗರಿ ಬೆಳೆಗೆ ಭಾದಿಸಿದ ರೋಗ, ಕೀಟಭಾದೆ ನಿಯಂತ್ರಣ ಅರಿವು**

ವಿಷಯಪುಟ: ತೊಗರಿ ಬೆಳೆಗೆ ರೋಗ ಹಾಗೂ ಕೀಟಭಾದೆ ಹೆಚ್ಚಾಗಿರುವುದರಿಂದ ಕೃಷಿ ವಿಜ್ಞಾನ ಕೇಂದ್ರದ ಸಹ ರೋಗತಜ್ಞ, ವಿಭಾಗದ ಓರಿಯಂಟಲ್ ವಿಜ್ಞಾನಿ ಎಸ್.ಎಂ. ವೆಂಕಟ, ಜಿಲ್ಲೆಯ ವಿಜಯಪುರ, ಬಸವನಗುಡಿ ಗ್ರಾಮ ಹಾಗೂ ಮುದ್ದೇನಹಳ್ಳಿ ತಾಲೂಕಿನಲ್ಲಿ ರೋಗ ಹಾಗೂ ಕೀಟ ಹಾವಳಿಯ ಸರ್ವೆ ಹಾಗೂ ಸಮೀಕ್ಷೆ ನಡೆಸಿದರು. ಓಟ್ಟಳ್ಳಿ, ಯರನೂರು, ಬಸವನಗುಡಿ ಗ್ರಾಮ, ಹೂವಿನ ಹಿಪರಗಿ, ಸೋಮನೂರು, ಚಿಲುಮಂಡ, ಸಾನ ನೂರು, ಮಾನನೂರು, ಇಂಗ್ಲೆಂಡ್ ಮತ್ತು ಉಕ್ಕಲಿ ಗ್ರಾಮಗಳ ತೆರಲ ಅಲ್ಲಿನ ತೊಗರಿ ಬೆಳೆಯ ಸರ್ವೆ ಹಾಗೂ ಸಮೀಕ್ಷೆ ನಡೆಸಿದರು. ತೊಗರಿ ಬೆಳೆಗೆ ಮಾಂಜಿರ ದೈತರಿಲ್ಲ ಯಾವ ಸಮಯದಲ್ಲಿ ಯಾವ ರೋಗಗಳ ಭಾದೆ ಘಟಿಸಲಿದೆ ಎಂಬುದನ್ನು ಪ್ರಾ.ತಜ್ಞರಿಗೆ ತಿಳಿಸಿದರು. ಈ ವೇಳೆ ನೆಲ ರೋಗ (ಸೋಲರ ರೋಗ) ಹಾಗೂ ಅದರ ಸಮಗ್ರ ನಿರ್ವಹಣಾ ಕ್ರಮ ಗಳು, ಬುಲೆ ಮತ್ತು ರೋಗ, ಅದರ ಲಕ್ಷಣಗಳು ಹಾಗೂ ನಿರ್ವಹಣಾ ಕ್ರಮಗಳು, ಪೈಟೋಲೊಗ ಅಂಗಮಾಂಜಿರ ರೋಗ ಅದರ ನಿರ್ವಹಣಾ ಕ್ರಮಗಳ ಬಗ್ಗೆ ಸಮಾಧಾನವಾಗಿ ದೈತರಿಗೆ ತಿಳಿಸಿಕೊಟ್ಟರು.

ICAR KRISHI VIGYAN KENDRA  
**VIJAYAPURA-II**  
**KVK TIMES**

**Field day on demonstration of Foxtail Millet variety DHft-109-03**

ICAR-KVK Vijayapura-II (Indi) organized a field day to demonstrate the Foxtail Millet variety DHft-109-03 at Shri Ramesh Desai's field in Mulsavalagi Village,



Vijayapura District. For the 2024-25 season, the KVK selected 10 demonstration plots for its Front Line Demonstration (FLD) program. Dr.Prakasha G., Programme Coordinator and Agronomy Scientist, welcomed the farmers and discussed the importance of the DHft-109-03 variety, which is well-suited for arid



and semi-arid conditions in southern India. The millet is grown with a seed rate of 3 kg per acre, using a 30 x 10 cm spacing, and can be cultivated as a sole crop, intercrop, or mixed with legumes. It is drought-tolerant, resistant to blast disease, and matures in 90-105 days, reaching a height of 200-220 cm. The variety yields 7-8 quintals of grain and 15 quintals of fodder per acre, with grains rich in carbohydrates, protein, vitamins A, E, and B12, and various minerals. Foxtail Millet is beneficial for heart health, the nervous system, skin, and hair, and

may improve glycemic control in Type-2 diabetes patients. Dr.Prem Chand U., Scientist (Plant Protection), also discussed plant protection methods. Shri Ramesh Desai shared his positive experience with the variety's performance during the kharif season. The event benefited over 25 farmers who attended.

Contributors : **Dr.Prakasha G., Scientist (Agronomy)**  
**and Dr.Prem Chand U, Scientist (Plant Pathology)**

## ICAR KRISHI VIGYAN KENDRA YADGIR

## KVK TIMES

### Two days workshop on "Improved production practices in Mango, Acid Lime and Guava"

ICAR- KVK, Yadgir organized two days workshop (03-04,October-2024) on "Improved production practices in Mango, Acid lime and Guava" for Yadgir district farmers and Farm women's. In this workshop about 70 farmers were participated including 15 farm women's. Dr.JaiprakashNarayan,R.P, Senior Scientist and Head, ICAR- KVK, Yadgir (Kawadimatti) delivered detailed information about the management practices of Mango, Lemon and Guava crop. He had given much emphasis on role of selection of healthy seedlings from certified and trusted nursery, planting of seedlings in pit with proper potting mixture, regular training for better crop canopy and pruning to get quality yield. High tech horticulture known as high density planting (HDP), has come into vogue, which is capable of removing the limitation of mango productivity in India. Pests and

diseases cause significant losses to the farmers. Generally, farmers apply large quantity of pesticides to control pests and diseases during various crop growth stages either calendar based or noticing damage symptoms in the crop. Indiscriminating use of chemical pesticides is a major cause of ecological imbalance and environmental pollution, so in this regard Dr.Rathnamma Scientist (Plant Pathology) explained the Integrated management of Pests and diseases of mango, guava and acid lime viz., shoot Borer, Jassids, fruit flies, anthracnose, powdery mildew and mango malformation through physical, chemical and biological practices. Dr.Mallareddy,Scientist (Agronomy) point out the detailed nutrient management practices, intercropping system during initial time up to two to three years and irrigation management during critical period. During practical session demonstrated the different method of propagation including grafting in mango and air layering in guava.



### Swachhata Hi Seva-2024 and celebrated Mahatma Gandhi Jayathi

ICAR-KVK,Yadgir organized "Swachhata Hi Seva 2024" (SHS-2024) Campaign rolls out from September 17 to October 2, 2024.Swachhata Hi seva campaign started on 17th October and conducted many programmes on importance of sanitization and cleanliness for healthy life and improves the standard of living and also did shramadaan activities aiming to generate janandolan through community participation. On 2nd October celebrated Mahatma Gandhi Jayathi and taken pledge to maintain cleanliness, honor the legacy of Mahatma Gandhi, and make swachhata a way of life.



# Cover page design competition - WINNER

Fathima Minha P., Class - VII H, TRKAUPS Vengad



# KVK TIMES



A window to KVKs of ICAR-ATARI, Zone XI, Bengaluru