



KVK TIMES



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

Vol. II Issue 37,
January 1-15, 2025



ICAR Agricultural Technology Application Research Institute Zone - XI, Bengaluru

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Janagere Halasu



**Cocoon market
Ramanagara**



Millets



**Mekedatu
Kanakapura**

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Dr. S.V. SURESHA
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MESSAGE



Dr. S.V. SURESHA
Hon'ble Vice -Chancellor

Krishi Vigyan Kendras (KVKs), established by the Indian Council of Agricultural Research (ICAR), play a vital role in bridging the gap between research and field application. As frontline agricultural extension institutions, KVKs facilitate the dissemination of innovative and sustainable technologies developed by State Agricultural Universities and ICAR institutes. Through on-farm trials, frontline demonstrations and tailored capacity-building programs, they promote the adoption of region-specific agricultural practices while also providing valuable feedback to researchers for technology refinement. This integrated approach enhances productivity, sustainability and resilience in farming communities.

Recognizing the need to document and share these impactful efforts, ICAR-ATARI, Zone XI, has initiated the publication of KVK TIMES, a newsletter that highlights the significant contributions of KVKs. This platform encourages knowledge exchange, allowing successful models to be adopted and replicated across regions for more effective technology dissemination.

The commendable efforts of KVK, Ramanagara, in publishing KVK TIMES (Vol. 2, Issue 37) from 1-15th January 2025, with the support of the Director of Extension, UAS Bangalore, are greatly appreciated. Their dedication ensures that agricultural extension strategies reach a wider audience, ultimately benefiting farmers and stakeholders. Best wishes to all KVKs and ICAR-ATARI, Zone XI, for their continued commitment to strengthening agricultural extension for the benefit of farming community and rural development.

Dr. S.V. SURESHA
Vice -Chancellor

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UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU

PRELUDE



Dr. Y. N. SHIVALINGAIAH
Director of Extension

The Krishi Vigyan Kendra (KVK)are agricultural extension centers established by the Indian Council of Agricultural Sciences (ICAR) in India. KVKs Serve as Knowledge and resource centers in agriculture technology dissemination aimed at improving the livelihood of farmers by bridging the gap between researchers and farmers. KVK play a vital role in introducing the location specific technologies to the farming community at district levels and empowering the farmers with Knowledge and resources to adopt sustainable and modern technologies.

The innovative idea of documenting the KVK significant activities and sharing through KVK TIMES by ATARI, Zone XI is highly appreciated. It would help in cross learning and replicating the innovative ideas and activities of different KVKs.

I appreciate and congratulate KVK Ramanagara Team for excellent compilation of activities of Zone XI KVKs by bringing out the 39th issue(1-15th January, 2025) of Vol.II. I wish them the very best in all their future endeavors.

(Dr. Y. N. SHIVALINGAIAH)

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Director

निदेशक



Dr. V. VENKATASUBRAMANIAN

Director

FOREWORD

Krishi Vigyan 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 Ramanagara is bringing up the 37th issue of second volume of KVK TIMES covering the 1-15th January fortnight of 2025 I congratulate the KVK fraternity of Zone XI specially Dr. Lata R Kulkarni, Senior Scientist and Head and her team of KVK, Ramanagara for bringing out this unique edition of KVK Times.

(Dr. V. Venkatasubramanian)

Bengaluru

15.01.2025

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'Healthy Soils for a Healthy Life'

Dr. Lata R Kulkarni., Senior Scientist & Head

ACKNOWLEDGEMENT



I avail this opportunity to express my deepest sense of gratitude and heartfelt thanks to our Honorable Vice-Chancellor, Dr. S. V. Suresha for his valuable guidance, constant encouragement and moral support in carrying out KVK activities and to serve the farming community.

I would also like to extend my sincere thanks to our beloved Director of Extension, University of Agricultural Sciences, Bangalore Dr. Y. N. Shivalingaiah for his inspiration, timely interventions, suggestions and guidance to carry out our duties with ease and perfection.

I am extremely proud and privileged to be entrusted with responsibility to compile and edit the 37th issue of KVK TIMES from 1-15th, January, 2025. I whole heartedly thankful to Dr. Venkatasubramanian, Director of ATARI, Bengaluru, for his overwhelming support and motivation in all efforts of KVK. I extend my sincere gratitude to Dr. Timmappa, Principal Scientist and Nodal officer ATARI, Bengaluru of our KVK for constantly encouraging us to carry out the activities. I would also like to place on record the help of all the other scientific and administrative staff of ATARI, Bengaluru for their timely support.

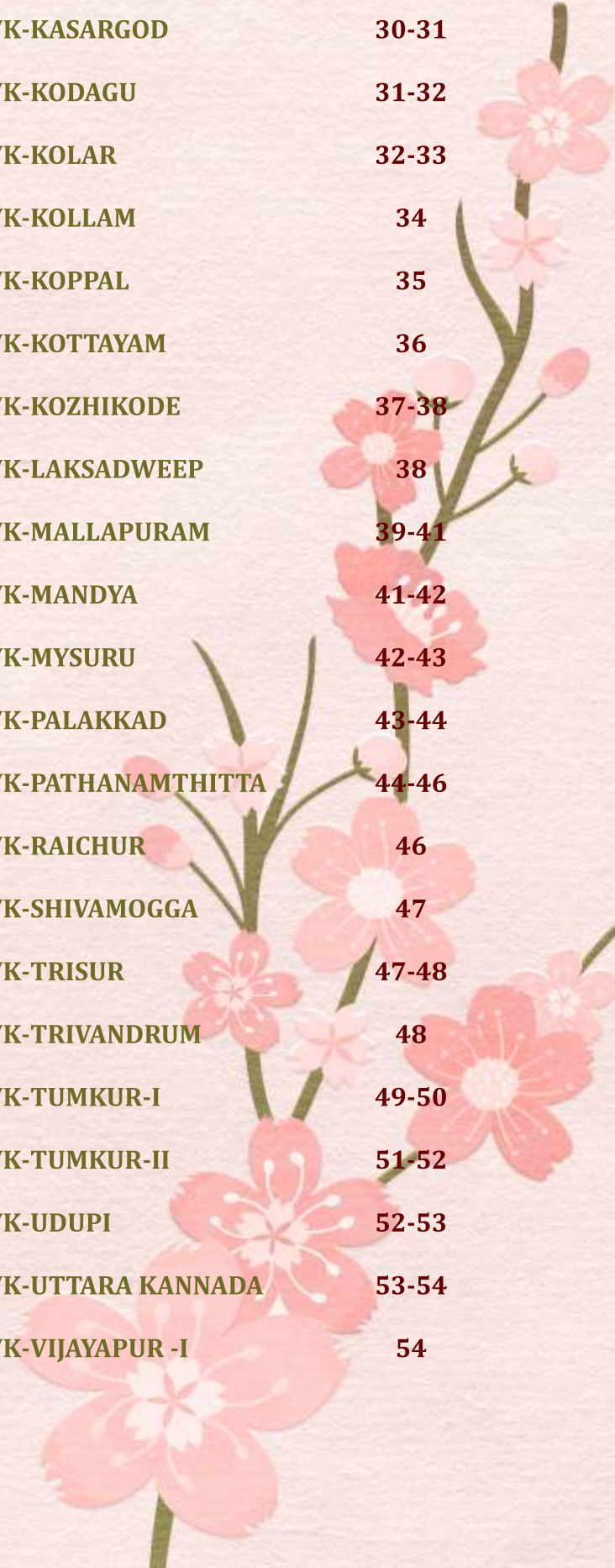
My sincere thanks to all the Heads and Teams of KVKs of Zone-XI for sharing the valuable information on various activities carried out by their KVK. Finally I profusely thank and appreciate the sincere efforts of my entire team of ICAR- Krishi Vigyan Kendra, Ramanagara for their support and valuable suggestions in compiling and bringing out this issue elegantly and in time.

Date: 15.01.2025
Place : Ramanagara

L R Kulkarni
Senior Scientist and Head,
ICAR-KVK, Ramanagara

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ICAR-KVK Ramanagara

Celebrating the success of “Progressive farmers of Ramanagara”

Contributors: Dr. Deepa Pujar, Mrs. Preethu, D.C., Dr. Sowjanya, S. and Dr. Lata R. Kulkarni

ICAR- KVK Ramanagara celebrated “National Farmers' Day” to honour the birth anniversary of Chaudhary Charan Singh, the fifth Prime Minister of India, who implemented several key policies to advance agricultural development and supported the farming community. The programme was inaugurated by the dignitaries by pouring water to the plants. Dr. Lata R. Kulkarni, Senior Scientist and head briefed about the current situation of Ramanagara farmers and significance of celebrating this special day. As Ramanagara district is well known as “Silk City” or “Reshme Nagari” technical session was organised mainly focusing on “Ramanagara Sericulture farmers”. During the technical session Dr. Manjunath Gowda, Professor, Department of Sericulture, GKVK, UAS (B) highlighted about the “Integrated pest and disease management in Mulberry”. Smt. Preethu, D.C., Scientist (Soil Science) emphasized on the “Organic fertilizers for soil nutrient management”, Dr. Deepa Pujar, Scientist (Horticulture) briefed about the “Management of Coconut in Mulberry orchard”, Sri. Srinivas, Assistant Director of Sericulture, Department of Sericulture, Magadi highlighted about the important pest and disease management in Silkworm rearing. Sri. Santosh, Senior Assistant Director of Horticulture, Department of Horticulture, Magadi and Smt. Vijaya Savanuru, Assistant Director of Agriculture, Department of Agriculture, Magadi briefed about their respective departmental schemes. Dr. Sowjanya, S., Scientist (Agricultural Extension) anchored the programme. As a part of celebration 11 progressive farmers of Ramanagara district were honoured. To mark this special day planting of Pepper sapplings was also conducted in KVK premises and exhibition was organised. More than 70 farmers were present and benefited during the programme.

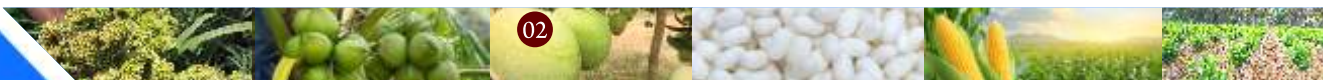




KVK Ramanagara introduced new Kodomillet var. CKMV-1

Contributors: Dr. Sowjanya, S., Dr. Deepa Pujar and Dr. Dinesh, M.S.

ICAR- Krishi Vigyan Kendra, Ramanagara introduced new Kodomillet var CKMV-1 and organized field day on “Demonstration of Kodomillet as a climate resilient technology in rainfed alphisols of Ramanagara”. Dr. Sowjanya, S., Scientist (Agricultural Extension) said that CKMV-1 Kodomillet variety has been introduced as a drought-tolerant technology, it also has the ability to resist pests and diseases, it will reach maturity in 106 to 110 days, and farmers can get an yield of 28 quintals per hectare. She also gave information about the nutritional importance and processing and value addition of Kodomillet. Dr. Dinesh, M.S., Scientist (Agronomy) gave detailed information about the farming techniques of Kodomillet such as seed treatment, use of recommended fertilizers, plant protection measures, water and weed management, and harvesting at the right time. Dr. Deepa Pujar, Scientist (Horticulture) said that farmers should show more inclination towards growing and using all millet crops. During this special occasion progressive farmers of the village Girish, Gundappa, Narayana, Maregowda, farmers and farmer women of the village and students of the Agricultural University participated and were benefitted.





ICAR-KVK ALAPPUZHA

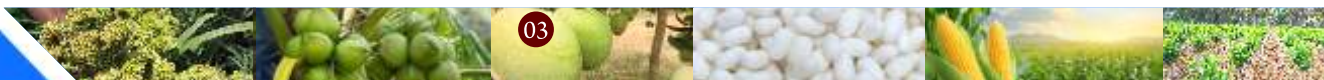
DG, ICAR visited the KVK exhibition stall at ICAR-CPCRI, Kasaragod

KVK-Alappuzha participated in the technology exhibition as part of the National seminar on “Harnessing Plantation Sector for Sustainable Development Goals” organized at ICAR-CPCRI, Kasaragod from 3rd to 5th January, 2025. Dr. Himanshu Pathak, DG, ICAR inaugurated the exhibition on 3rd January morning and visited the stalls of ICAR-CPCRI, AICRP (PC) and KVKs of CPCRI viz. Alappuzha and Kasaragod. A range of value added products from diversified crops like coconut, jackfruit, banana, other fruits and vegetables, and millets produced by the KVKs and trained entrepreneurs were displayed in the stalls visited by Director, ICAR-ATARI, Bengaluru, Directors of ICAR institutes and many other dignitaries. DG, ICAR and the other VIPs appreciated the display of the products and the efforts of the KVK on promotion of entrepreneurs in the secondary agriculture sector. Dr. P. Muralidharan, Head, KVK and Smt. Jissy George, SMS (HS) represented the KVK in the programme.



Participation in state level seminar organized by Land Use Board

Dr. P. Muralidharan, Head, KVK participated in the state level seminar on “Coconut based land use and changing climate’ organized by Kerala State Land Use Board (KSLUB) at Thiruvananthapuram on 6th January, 25. He was deputed as a resource person for the panel discussion in the seminar by the Director, ICAR-CPCRI. He highlighted the importance of coconut as a perennial crop with high potential for carbon sequestration and the need for promoting coconut based integrated farming systems for climate change adaptation and economic returns for the farmers. Policy makers, Peoples’ representatives, progressive farmers, scholars, and officials from different Govt. departments attended the programme.



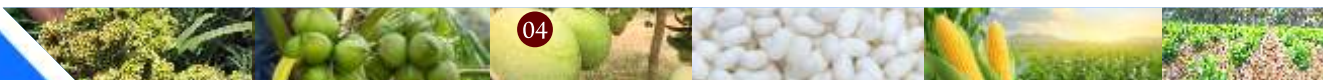


Farmer Field School (FFS) on integrated management of cucurbitaceous vegetables

Farmer Field School (FFS) is one of the unique extension programmes of KVK- Alappuzha. FFS on ICM in cucurbitaceous vegetables planned in 2024-25 is initiated in Muhamma panchayath on 9th January with the active participation of twenty five selected women JLG members. Objective of the programme is to grow cucurbitaceous vegetable crops like ridge gourd, snake gourd, cucumber, and melon with appropriate scientific practices in pest, disease and nutrient management, leading to successful and economic production. The school will be operational on every Thursday at a common accessible plot to all the participants. Smt. Swapna Shabu, President, Muhamma Panchayath inaugurated the programme by handing over the FFS kits to the participants. Peoples' representatives, officials from agricultural and social welfare departments also were present on the occasion.

ICAR- KVK BAGALKOTE

Two batches of Krishi Sakhi training of Module-2 was held at ICAR-KVK Bagalkot from 07-01-2025 to 11-01-2025 which was organized by Dr. Venkanna Balaganur, Scientist, Animal Science) and Dr. Ramitha B. E. (SMS, Home Science). The programme was inaugurated by Dr. Punit B R, Project Director (DRDA), Bagalkot. Honourable Director of Extension, UAS, Dharwad, Dr. Basavarajappa, graced the occasion. As per the schedule, all theoretical and practical classes were conducted. As a part of field visit Krishi Sakhis were taken to Vijayapura Krishi Mela and closing ceremony was organized at KVK, Vijayapura on 11-01-2025. As a part of closing ceremony, certificates were issued to Krishi Sakhis. The program was graced by honourable Dr. Ashok Dalawai, Chairman, Agricultural Produce Price Fix Committee, GoK. Other dignitaries honourable R.B Belli, Assistant Director of Extension, Zone III , Dean, College of Agriculture, Vijayapura, Dr. Ashok Sajjan, JDA, Vijayapura, Sr. Scientists and Head, Vijayapura and Bagalkot graced the ceremony. A total of 70 Krishi Sakhis participated.



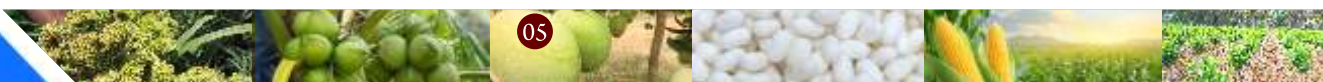


ICAR-KVK BALLARI

Inspiring Young Minds: Govt. Higher Primary School's Eco Club Visit to ICAR-KVK, Hagari

On 8th January 2025, the students of Government Higher Primary School, Kuntanal village, accompanied by their Principal and staff, visited ICAR-Krishi Vigyan Kendra (KVK), Hagari, as part of their Eco Club initiative to celebrate pro-nature values and promote environmental awareness. The program, aimed at fostering a deeper connection with nature, was inaugurated by the Senior Scientist and Head of KVK, who delivered an inspiring speech on the significance of sustainable practices and their role in environmental conservation. The students actively participated in a series of engaging and educational activities organized by the scientists at KVK. A detailed lecture on nutrigardens was conducted, highlighting their importance in promoting sustainable agriculture and environmental well-being. The students learned how nutrigardens not only enhance nutritional security but also align with the objectives of their Eco Club, fostering a sense of responsibility toward preserving nature. Hands-on practical sessions added a dynamic dimension to the visit. During the vermicomposting and organic farming demonstration, the students observed and practiced techniques to produce compost and maintain soil health using natural methods. This interactive experience emphasized the role of organic farming in reducing environmental impact and protecting biodiversity.

Additionally, a session on dairy farming provided the students with an introduction to livestock management, explaining its integration into sustainable farming systems. As a significant step toward practical learning, the KVK scientists provided a nutrigarden kit and seedlings to the school. This initiative was aimed at encouraging the students to establish a nutrigarden in their school premises, thereby fostering awareness about sustainable agriculture and empowering them to take part in creating a greener and healthier environment. The visit also included a guided tour of the KVK premises, where the students explored various demonstration plots, composting units, and experimental fields. This comprehensive exposure provided them with valuable insights into innovative agricultural practices and their ecological significance. The program was a transformative experience for the students, equipping them with practical knowledge about sustainable farming and inspiring them to adopt eco-friendly practices in their daily lives. The Principal and staff of the school, along with the students, expressed their gratitude to the KVK team for organizing such an informative and interactive program. The visit successfully nurtured environmental awareness and strengthened the students' commitment to sustainability, making it a memorable and impactful initiative. The event concluded with a group photograph of the students, school staff, and KVK scientists, capturing the essence of the day and the collective efforts toward promoting sustainability and environmental stewardship.



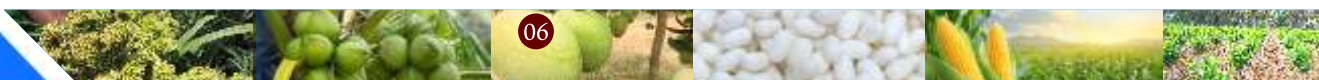


ICAR-KVK BELAGAVI-I

Demonstration of integrated crop management in Tomato under SCSP program

ICAR BIRDS Krishi Vigyan Kendra, Belagavi-1 (Tukkanatti), has initiated a Front-Line Demonstration on Integrated Crop Management (ICM) in tomato under the Scheduled Caste Special Program (SCSP) for Scheduled Caste vegetable growers in Mugali village, Chikkodi taluka. The aim of this demonstration is to provide practical knowledge and promote advanced farming practices among farmers to improve farm income. The demonstration covers various critical aspects of tomato production. It begins with scientific seedling production, followed by the introduction of hybrid tomato Arka Aditya, which has shown promising results in terms of yield and disease resistance. The demonstration also emphasizes the importance of proper land preparation and planting techniques to ensure better crop growth and higher yields. In addition, marigold is being used as a trap crop to manage pests naturally, which aligns with integrated pest management (IPM) practices.

Farmers are trained on the use of water-soluble fertilizers to enhance nutrient uptake, as well as the use of sticky pads for controlling pests. Integrated pest and disease management practices are also being imparted to the participants to reduce the dependency on chemical pesticides and promote sustainable farming methods. Currently, the crop is at the vegetative stage, and the demonstration is ongoing. The participating Scheduled Caste farmers are receiving hands-on training and guidance, while need-based advisory and extension activities will continue throughout the demonstration period. This initiative is expected to improve the overall productivity and sustainability of tomato farming in the region.





ICAR-KLE KVK BELAGAVI-II

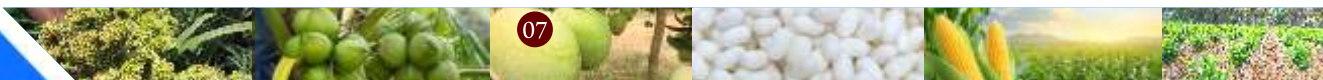
Scientific Advisory Committee Meeting

The tenth Scientific Advisory Committee meeting was held on 8 January 2025. Shri B.R. Patil, Chairman, KVK, Mattikopp presided over the meeting. During his presidential remarks said that, the KVK established in 2011 as dreamt by Dr. Prabhakar Kore, Hon'ble Chairman, KLE Society, Belagavi has made a substantial progress in transfer of technologies to the farming community. Dr. Manjunath Chouraddi, Senior Scientist & Head presented action taken report, progress of KVK and proposed Action Plan for the next financial year. Dr. B.G. Shivakumar, Principal Scientist, ICAR-IGFRI, Dharwad, Shripad Vishweshwar, Technical Officer, UHS, Bagalkot, Shri S.S. Patil, Joint Director of Agriculture, Belagavi and other line department officials and progressive farmers participated in the deliberation and discussed about the programmes to be taken during 2025-26.



Visit of Dignitaries to KVK

Dr. Prabhakar Kore, Hon'ble Chairman, KLE Society, Belagavi and Former Member of Parliament (Rajya Sabha) accompanied by Directors of Board of Management visited ICAR-KLE Krishi Vigyan Kendra and took note of the achievements and progress of ongoing programmes of the centre. After visiting each demonstration units comprising of fruit crops, vegetables, plantation crops, laboratories, sugarcane seed production blocks, polyhouse, natural farming unit, dairy unit, seed production unit, Fodder production block, Dr. Prabhakar Kore said KVK has made a substantial progress and appreciated the efforts of Shri B.R. Patil, Chairman, KVK, Mattikopp and Scientists for their remarkable achievements in developing instructional farm for transfer of technologies to the farming community. He expressed his concern over low productivity due to climate aberrations and in this regard, he advised the Scientists to train the farmers for adoption of climate resilient technology to minimize the risk in agriculture. KVK Scientists led by Dr. Manjunath Chouraddi, Senior Scientist & Head briefed the technologies adopted in each demonstration units to the dignitaries. Shri B.S. Tatavati, Vice-President, Shri B.R. Patil, KVK, Chairman, Board of Directors, Shri S.C. Metgud, Dr. V.S. Sadhunavar, Shri Mahantesh Kavatagimath, Shri Anil Patted and Dr. V.I. Patil participated during the visit and reviewed the KVK activities. Dr. Nitin Gangane, Vice-Chancellor, KLE Academy of Higher Education and Research (KAHER), Dr. Shivaprasad Goudar, Director of Research, Dr. Madhav Godbole, Research Advisor, Dr. V.D. Patil, Director, KLE Hospital and Shri Mohd. Farooq, NRI accompanied the team



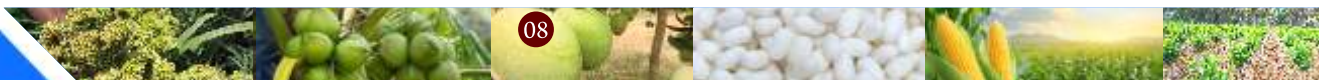


3. Hon'ble Minister of Agriculture, Government of Karnataka Shri N. Chaluvaryaswamy visit to KVK

ICAR-KLE Krishi Vigyan Kendra, Mattikopp, in association with MANAGE, Hyderabad, University of Agricultural Sciences, Dharwad and Department of Agriculture, Belagavi organized DAESI certificate distribution ceremony at KVK campus. Hon'ble Minister of Agriculture, Government of Karnataka Shri N. Chaluvaryaswamy inaugurated the programme. He then said that all the affiliated organizations run by KLE Society have social concerns in the field of quality education and medicine and he congratulated Dr. Prabhakar Kore for his adept style of functioning in managing the progress of the institutions. The programme was presided over by Dr. Prabhakar Kore, Hon'ble Chairman, KLE Society, Belagavi and he honoured Hon'ble Agriculture Minister. During his presidential remarks Dr. Kore said that Hon'ble Shri Narendra Modiji has initiated a 48-week diploma course for input dealers in order to extend the scientific agricultural knowledge to the farmers as they are approaching input dealers for technological advisories to solve the field problems. Thus, he advised the input dealers to attach due importance to the transfer of technologies learnt during the training course along with less profit margin in the business. Shri B. R. Patil, Chairman, ICAR-KLE Krishi Vigyan Kendra, Mattikopp welcomed the dignitaries and said that the centre is constantly working to introduce the technologies in agriculture and new varieties of different crops to the farming community and advised the dealers to take advantage of expert scientists available in KVK and take part in the effective transfer of technology to the farmers at right time. Dr. P. L. Patil, Vice Chancellor, University of Agricultural Sciences,

Dharwad said that various agricultural research stations of University have released many high-yielding varieties and suggested the dealers to bring these varieties to the knowledge of the farmers during their routine business.

Dr. Manjunath Chowraddi, Senior Scientist & Head said that, in the backdrop of farmers getting 49 percent of farming information from input dealers, the DAESI training has become significant to upgrade the knowledge of the dealers. The objective of the DAESI programme is to make the dealers to work as para extension functionaries to strengthen the knowledge of farming community at village level. He further highlighted that the centre has organized five training courses since 2016 and trained 200 input dealers to achieve the objective of DAESI programme. Dr. S. A. Gaddanakeri, Associate Director of Extension, University of Agricultural Sciences, Dharwad administered the oath to the trainees to work as para extension functionaries. Dr. S. N. Jadhav, State Nodal Officer (DAESI) delivered introductory remarks. Forty input dealers received diploma certificates during the programme. Shri Mahantesh Koujalagi, MLA Bailhongal, Ravikumar Gowda, MLA Mandya, Dr. V. S. Sadhunavar, Director, KLE Society, Shri Shivanagouda S. Patil, Joint Director of Agriculture, Belagavi, Shri H. D. Kolekar and Shri S. B. Kongawad, Deputy Directors of Agriculture and KVK staff viz., Dr. S. S. Hiremath, Praveena Yadahalli, Shankargouda Patil were present during the event. Scientist S. M. Warad narrated and G. B. Vishwanath extended vote of thanks.





NBSS&LUP Scientists visited crop diversification CFLD plots

KVK, Belagavi-II and NBSS&LUP Scientists visited crop diversification CFLD plots at Dhamne and Halaga villages of Belagavi taluk. Dr.S.S. Hiremath, Scientist (Plant Protection), explained about different pest and diseases and their management in Lentil, Black gram and Rabi Jowar. Dr. R. Srinivasan, Senior Scientist, NBSS&LUP briefed about aim of the project, importance of practicing crop diversification depending upon local needs. Dr. Charankumar G.R. educated about importance of soil testing and method of soil sampling. Farmers were very happy with the implementation of the programme on crop diversification.



Drone demonstration

KVK, Belagavi-II implemented OFT on Assessment of Drone and Boom Sprayer in Soybean for pesticide application at Ganikopp, Bailhongal taluk. Dr.S.S. Hiremath, Scientist (Plant Protection) explained the use drone in agriculture. Praveen Yadahalli, Scientist (Horticulture) demonstrated spraying pesticide in soybean for management of pests by using Drone.

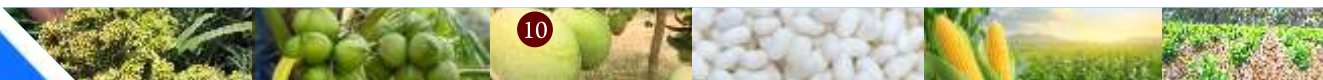




ICAR – KVK BENGALURU RURAL

Scientific Bee-keeping Training Programme under ARYA project

ICAR- Krishi Vigyan Kendra, Hadonahalli, Bengaluru Rural District organized six days Skill development training programme on “Scientific Bee Keeping” under Attracting and Retaining Rural Youth in Agriculture (ARYA) project from 6th to 11th January, 2025. The training programme was inaugurated by Dr. B.G. Hanumantharaya, Senior Scientist & Head, ICAR – KVK, Bengaluru Rural District and briefed about the bee keeping in agriculture, there is a huge demand for honey and no doubt it can be a profitable venture in the present scenario. Dr. N.S. Bhat, Professor (Retd.), Dept. of Apiculture, UAS, Bangalore delivered lectures on importance of Apiculture, opportunities for self-employment and different species of bees and their family structure. Dr. G. Eswarappa, Scientist (Apiculture) given detailed information about Life cycle of honey bees, Equipment used in bee keeping, Establishment of Apiary, Maintenance of bee colonies, Shifting of natural *Apis cerena* colony to bee box, Management of honey bees in different seasons, role of honey bees in pollination, pests and diseases of Honey bees. Mr. V. R. Chandrashekar, Apiculturist shared his experience on sting less bees, their multiplication and useful plant species for their growth and development. Mr. Madhukeshwara, J. Hegde, Apiculturist, Taragodu, Sirsi taluk participated as a resource person and explained the procedures of harvesting, processing and storage of bee hive products including their marketing. During the programme Training Kits, Bee-box with colony, Bee veil, Bee stand, Smoker, were provided to the trainees. Totally 20 Rural youths were benefitted from the training programme.

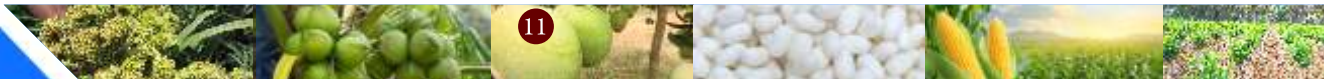




Farmers – Scientist interaction on scientific pomegranate cultivation.

ICAR – Krishi Vigyan Kendra, Bengaluru Rural District organized Farmers – Scientist interaction on Scientific pomegranate cultivation in collaboration with Karahalli Gram panchayath, Alumni Association, UAS (B) and Department of Horticulture Bengaluru Rural at Karahalli village of Devanahalli taluk on 11.01.2025. The programme was inaugurated by Dr. Y.N. Shivalingaiah, Director of Extension and Dr. H.L. Harish, President, Alumni Association, UAS, Bangalore and Hon'ble member of Board of Regent, UAS, Bangalore. Mr. N. Ramesh, President of Karahalli grama panchayatha was chaired the programme. In the technical session Dr. B.G. Hanumantharaya, B.G., Senior Scientist & Head explained the improved cultivation practices of pomegranate crop viz., land preparation, water management, selection of suitable. Dr. Manjunath, G., Associate Professor (Plant protection), College of Agriculture, Mysore, UHS (Bagalkot) delivered lecture about the major pests may affect to the pomegranate crop and plant protection measures to be taken to control the pest incidence. Another resource person Dr. Raghavendra Achari, Associate Professor (Plant Protection), College of Agriculture, UHS (Bagalkot), Munirabad, Koppala district explained about the major disease may occur to the pomegranate garden especially on bacterial blight and wilt infection and their controlling measures to be taken by the farmers. Dr. Veeranagappa, P., Soil Scientist explained the importance of soil testing, symptoms of nutrient deficiencies, fertilizers recommendation and nutrient management in pomegranate crop.

Dr. Venkate Gowda, J., Scientist (Agronomy), Dr. G. Eswarappa, Scientist (Apiculture), Vice President and members of Karahalli gramapanchayath, farmers and farmwomen of Karahalli and neighboring villages and pomegranate growing farmers of the district were participated and benefited from the programme.





ICAR-KVK BIDAR

Celebrating Farmer's Day: Honoring Hard Work, Health and Innovation at ICAR-KVK, BIDAR

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

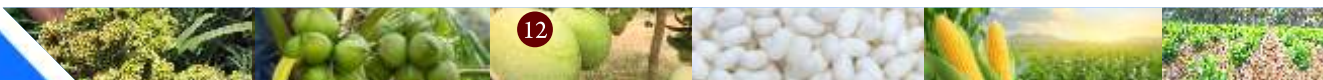
The "Farmer's Day" celebration was organized with great enthusiasm at ICAR-KVK, Bidar, near Janwada, on 23-12-2024, in collaboration with the KSDA, New Century Rotary Club Bidar and District Biofuel Unit. The event was attended by 172 progressive farmers, farmer women and officials from the district. The main highlight of the day was the free dental health checkup and treatment camp for farmers, farmer women and officials. The camp focused on educating farmers about dental health by providing free checkups and treatments. The camp was organized by SB Patil Dental College and Hospital, with the aim of raising awareness about the importance of dental health and promoting the well-being of farmers. A total of 98 participants underwent dental health checkups. The event was inaugurated by Sri. Ziaulla K, Joint Director of Agriculture, Bidar. In his inaugural speech, he emphasized, "Farmers need to adopt advanced agricultural technologies to increase their production. The importance of technology in agriculture is growing day by day, and it can lead to agricultural development with innovation." Sri. Raghavendra, Deputy Director of Agriculture, mentioned that the Farmer's Day is celebrated in memory of the birthday of Sri. Chaudhary Charan Singh, the fifth Prime Minister of India, to honor the services of farmers. Dr. Siddanagouda, a professor at SB Patil Dental College, demonstrated the scientific methods of maintaining dental health, including proper tooth brushing techniques.

Rotarian Sri. Shivkumar Pakhale, President of Rotary Club New Century, Bidar, mentioned that the dental treatment program was organized as part of the Farmer's Day celebration, keeping in mind the health of farmers who feed the world. Dr. Sunilkumar N.M, Senior Scientist and Head ICAR-KVK, Bidar, who chaired the event, remarked that this day is an opportunity to honor the hard work and dedication of farmers, encourage their growth, and raise awareness about the use of modern technology in agriculture. He believed that such programs are effective in guiding more farmers for rural development in the future. The program was hosted by Dr. Ningadalli Mallikarjun, with the welcome address by Dr. Gyandeva Bulla and vote of thanks by Sri. M.A.K. Ansari, ADA, Bidar.



"Harvesting Success: Field Day Flourishes at Ridges & Furrows method of Pigeonpea Cultivation in Nirna Village"

The vibrant fields of Ridges & Furrows method of Pigeonpea Cultivation in Nirna Village came alive with enthusiasm as KVK Bidar organized a captivating Field Day on Dec 26th 2024. The event served as a knowledge-sharing platform, bringing together 92 farmers eager to enhance their understanding of pigeonpea cultivation. Against the backdrop of lush greenery, the air was filled with the spirit of learning and collaboration.





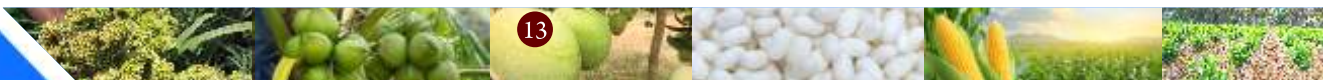
ICAR-KVK CHAMARAJANAGARA

Training on scientific rearing of Dairy animals, Sheep and Goat rearing

KVK Bidar orchestrated a series of informative sessions, engaging farmers in discussions on modern farming techniques, pest management, and best agricultural practices tailored for pigeonpea. Experienced agronomists and scientists took the stage, offering valuable insights and answering queries, fostering a sense of community among the farming fraternity. The Field Day emerged not only as an educational endeavor but also as a celebration of agriculture, strengthening the bond between farmers and the scientific community. As the sun set over the Nirna Village fields, it left behind a community of enlightened farmers, armed with newfound knowledge to nurture their crops and propel the agricultural landscape forward.



A two days training program under SC-SP, on scientific rearing of dairy, sheep and goat is organized at ICAR KVK Chamarajanagar. Dr. Raghavendra and Dr. Nishchith, Veterinary officers, during the sessions deliberated on selection and management of milch cattle and sheep/goat breeds for good meat production, first aid and regular vaccination schedule for the live stock animals. They also provided brief information regarding schemes and facilities available through the Department of Animal husbandry and Veterinary services for farmers and livestock based entrepreneurs. Dr. P. Mahadevu, Head, AICRP on Maize, ZARS, V C Farm, Mandya explained about improved fodder crops production technologies and quality feed supply far harnessing quality and profitable milk yield. Dr. Rakshith Raj, Scientist (Animal Science), ICAR KVK, Mysuru highlighted the scope of calf rearing as a profitable enterprise in dairy farming. Mr. Sampath Kumar, a progressive livestock entrepreneur and farmer shared his experience of dairy and sheep rearing. As a part of the training programme, an exposure visit to model dairy unit established under Prime Minister Employment Guarantee Programme and model sheep enterprise unit established under National Livestock Mission at Kagalawadi village, Chamarajanagara taluk was arranged and the entrepreneurs shared their valuable experience and the aspects of economics of respective enterprises. The programme witnessed a participation of 25 trainees and the concluding session was chaired by Director of Extension, UAS, GKVK who in his address highlighted the profitable orientation of the livestock enterprises signifying better market opportunities upon value addition in dairy enterprise. Dr. Shruthi, M.K (Scientist - Agronomy) and Dr. Deepa, J (Scientist - Home Science) co-ordinated the training programme.

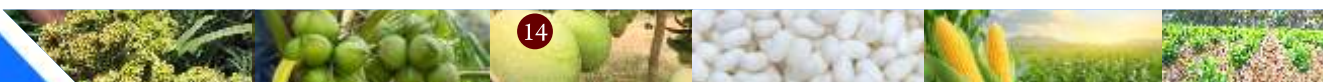




Skill training on Cocoon crafting, value addition to cut & waste silkworm cocoons

The training programme was inaugurated by Dr.C.Doreswamy, Special Officer, College of Agriculture, Chamarajanagara. The trainees were provided with firsthand information on selection, grading & segregation of raw cocoons, trimming, threading & colouring cocoons using natural dyes, preparation of cocoon value added products namely garlands, photo frames, bouquets and vases. The trainees were addressed by Director of Extension, UAS, GKVK who urged the participants to tap the nearby urban market with wide range of cocoon crafts and also liaise with the government functionaries for better market opportunities and distributed the training kit comprising purse prepared from banana fiber and training manual were provided to each trainee. Further, the trainees were given hands on training on preparation of different cocoon crafts from cut & waste cocoons by Dr. Chandrashekhar S Kallimani and Smt. Maheshwari, CEO, CHASIRI FPC with a pre-schedule of specific cocoon crafts and target number of crafts on each day.

The crafts prepared from respective group of participants were evaluated and judged by giving ranks and the process was facilitated by Dr.Deepak, Scientist (Home Science), ICAR KVK, Mysuru. During the programme, the trainees were provided with Mulberry Tea. 18 participants were participated in this skill programme. Distributed the training completion certificates. The trainees were able to prepare 25 number of garlands, 04 number of photo frames, 15 number of bouquets and 15 number of vases worth ₹ 15,000 from 5kg cut & waste cocoons costing ₹ 7,500.





ICAR-KVK CHIKKABALLAPURA

ICAR-Krishi Vigyana Kendra, Chikkaballapura organized training programme under entrepreneurship programme on value addition in tomato at Chintamani taluk on 07.01.2025. Dr. Soumya Hiregoudar, Scientist (Home Science) explained about importance for value addition in tomato, demonstrated the preparation of value added products like tomato pickle and tomato ketchup also explained about labeling and branding. Dr. Aruna.G.R. Technical officer explained about entrepreneurial opportunities in processing and value addition in tomato. 15 farm women participated in the programme.



ICAR-KVK, Chikkaballapura organized a field day on Integrated Management of root knot nematode in mulberry at Appegowdanahalli village of Sidlaghatta taluk Chikkaballapura district 09.01.2025. Dr. Swathi, Scientist (Plant pathology) explained about integrated management practices of root knot nematode in mulberry. Dr. Aruna. G.R. Technical officer briefed about symptoms of root knot nematode infestation. Mr. Akmal Pasha, Assistant Director

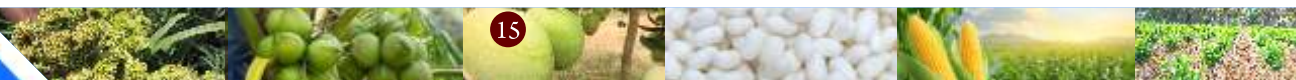
Sidlaghatta emphasized about schemes available in sericulture department and urged to make use of the facilities. Mr. Govindaraju, progressive farmer shared his experiences about on integrated Management of root knot nematode in mulberry. 45 farmers participated in the programme.



On campus training on value addition in foxtail millet was organized at ICAR-KVK, Chikkaballapura on 11.01.2025. Dr. Papireddy, Senior Scientist and Head explained about different millets and its importance. Dr. Soumya Hiregoudar, Scientist (Home Science) explained and demonstrated the foxtail value added products like laddu, chocolate and chakli. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) briefed about branding and marketing strategies in value added products.



Students from different schools visited ICAR-Krishi Vigyana Kendra, Chikkaballapura. Dr. Papireddy, Senior Scientist and Head explained about agriculture scenario and role of farmers in development of country. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) interacted with students and created awareness about simple technologies in agriculture.





ICAR-KVK CHIKKAMAGLURU

**Field Day of Paddy Variety
 Sahyadri Kempumukthi**

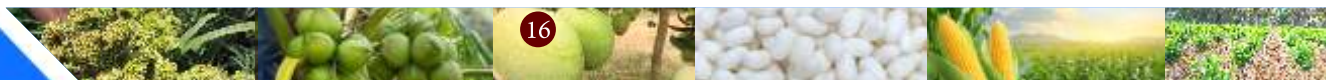
On January 2, 2025, ICAR-Krishi Vigyan Kendra, Mudigere, Chikkamagaluru conducted the field day of Paddy variety Sahyadri Kempu Mukthi at Bharatibailu Hosahalli village of Mudigere Taluk. Dr. Yamuna B. G., Scientist (Agronomy), KVK Mudigere highlighted that improved paddy variety sahyadri kempu mukthi is a promising choice as an alternative to jyothi variety for farmers along with mechanization to overcome the problems of present day agriculture where farmers are facing labour problem and emphasized the importance of this high yielding paddy variety suitable for Zone-9 developed by KSNUAHS, Shivamogga that it is a red grain type, rich in protein (11.54%), resistant to blast and Udabatta disease, tolerant to leaf folder, stem borer and corid bug, which matures in 125 to 130 days and gives a yield of 20 – 22 q/acre. Apart from that, as the crop was sown through drum seeder, it is helpful for mechanical crop harvest without much wastage. Beneficiary farmer Ranjith, B. Hosahalli expressed his opinion and said that Sahyadri Kempu Mukti variety given by KVK, Mudigere along with their technical guidance for mechanical cultivation, the cost of production has been reduced and he is expecting an yield of 18 to 20 quintal per acre. During this occasion, Dr Sureshkumara, B., Scientist (Horticulture) was present and the farmers of the surrounding villages got benefited from the program.



ICAR-KVK CHITRADURGA

**Honey bee training and
 Farmers day programme**

A training programme on Apiculture and Farmers day was organized at KVK, Chitradurga from 23-12-2024 to 26-12-2024 in collaboration with CSIR, NBRI – Lucknow. Dr. Kumara O., Senior Scientist and Head presided over the programme and during his speech he extended the farmers day wishes to the farming community. He also discussed about the history and importance of Farmers day Celebration, later he briefed about four days training programme on Apiculture, course curriculum, resource persons etc. The main reason for decrease in honey bee population is excessive use of chemicals in agriculture; these honey bees play a vital role in pollination of crops and thereby increase in yield levels. Apiculture is an important part of integrated farming system and by having one bee box farmer can get 22 kg of honey can be collected annually by keeping one bee box in the farm can earn an income of 25000 to 30000 per annum. Dr. Sanjeev Kumar Naik, Scientist (CSIR-NBRI, Lucknow) inaugurated the programme and during his inaugural speech, he briefed about CSIR- Floriculture mission. He also discussed about advantages of practicing apiculture along with floriculture. CSIR- floriculture mission is implemented in 12 states of India, in Karnataka the same is being implemented under II phase in collaboration with ICAR- KVK, Chitradurga. He also provided information on world scenario of floriculture and mentioned that Netherland stands first in Floriculture production and export. If the farmers adopt advanced technologies and maintain the quality then there is lot of demand for various flowers all over the world and he suggested the farmers adopt floriculture and Apiculture activities simultaneously to earn good returns. Dr. Soumith Kumar Behera, Scientist, (CSIR-NBRI, Lucknow) participated as chief guest during the programme and discussed about importance of four days training programme and suggested the farmers to make use of the training and learn all the technologies with interest.





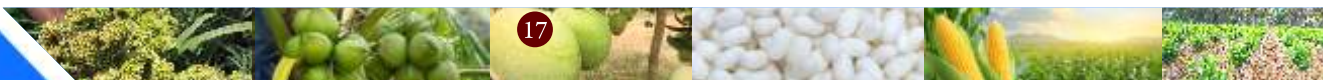
Mr. Shanthaveerapa, Apiculture Specialist and Assistant Director of Agriculture (Rtd), Hiriyyur participated as resource person and discussed about the demand for honey and honey bees and also discussed about the status of Apiculture in Karnataka. He also suggested the participants to involve actively in the training programme and get the benefit. Mrs. Geetha Kumari B N, Senior Technical Officer, KVK hosted the programme. All the Scientists and 40 farmers from various villages have participated in the programme.



Redgram BRG-5 Field day

A field day of BRG-5 variety of Redgram was conducted at Halavudhara village of Chitradurga taluk on 30-12-2024. Dr. Kumara O., Senior Scientist and Head inaugurated the programme on during his speech he opined that this Redgram variety is very much suitable to grow as an intercrop in other field crops. As it has bold seeds it is very much suitable for consumption as vegetable and it is of very good taste. Being a pulse crop it also enriches the soil nutrient status and enhances the soil fertility status. BRG-5 variety is giving better yield. Yield levels are upto 35-40 quintal per hectare. Farmers can earn around Rs. 60,000 to 70,000 from one acre by growing this variety.

Indian population is growing rapidly and may reach first place in the world at the earliest so, there is need for growing more crops to become sustainable in food production. The need for cultivation of pulses is high and farmers should grow more of pulses and the seed grown in one year need to be preserved for next year and farmers can use the same seed for sowing during next year thereby they can reduce the cost of cultivation. Mr. Thippeswamy, Manager (Rtd), Canara Bank participated in the event as chief guest and he discussed about the various schemes and facilities available to the farmers in Banks. Mrs. Radha, Director, RUDSET, Chitradurga also participated in the event as chief guest and opined that skill development is very much essential for the youth and she also provided information of various training programmes available in RUDSET institute. Mr. Ninga Naik, Progressive farmer, Halavudhara village of Chitradurga taluk, has grown BRG_5 variety and opined that this variety of Redgram is well suited for drought condition and as a vegetable crop. This variety has very good quality seeds and yield levels are better and farmers can make better profit by adopting BRG 5 as intercrop. Mrs. Geetha Kumari B N, Senior Technical Officer, KVK hosted the programme. Around 120 farmers from various villages of Chitradurga taluk have participated in the programme.





ICAR-KVK DAKSHINA KANNADA

Capacity Development Programme on Nutri Garden for SC farmers

Contributors: Dr. Rashmi R. and Dr. T.J. Ramesha
 ICAR-Krishi Vigyan Kendra, Dakshina Kannada organized Capacity Development Programme on Nutri Garden for SC farmers under SCSP Programme on 09-01-2025 at Hosangady, Belthangady. Mr. Hariprasada P, Grama Panchayat Member, Peradi presided over the programme. Dr. Rashmi R., Scientist (Horticulture) coordinated the programme and in her deliberation focused on plan, layout, and establishment of Kitchen Garden. ArkaVegetable seed Kit and Vegetable special micronutrient of IIHR, Hessaraghatta were provided to 25 selected SC farmers and farm women.



Workshop on conservation and promotion of traditional land races

Contributors: 1) Mallikarjuna L Scientist (Soil Science) 2) T.J. Ramesha Senior Scientist and Head
 ICAR- Krishi Vigyan Kendra, Dakshina Kannada, in collaboration with Dept. of Agriculture, Dakshina Kannada has organized a Workshop on 'conservation and promotion of traditional land races' on 13.01.2025 at DATC, Belthangady. The programme was inaugurated by Plant Genome Savior reward farmer Shri. B. K. Devarao and shared his experiences of conservation of the traditional varieties of rice crop. Shivashankar Danegondar, the Deputy Director of Agriculture, presided over the function and highlighted the aromatic and medicinal values of traditional land races. Dr. T. J. Ramesha, Senior Scientist and Head, participated as the Chief Guest and elaborated on the activities initiated by KVK for the conservation of traditional land races. Dr. Mallikarjuna L., Scientist (Soil Science), delivered a lecture on the importance of conservation and the need for preserving traditional land races for the better future. There were 38 progressive farmers of the district and staff of Dept. of Agriculture, Dakshina Kannada, participated in the programme. An exhibition of traditional land races of rice crops and vegetables was held during the workshop.





ICAR-TARALABALU KVK DAVANAGERE

Follow up field visit to the OFT Bengal gram Plots .

Contributors: Mr Mallikarjuna B. O., SMS (Agronomy)

ICAR – Taralabalu KVK conducted the on farm trails on Assessment of Different Varieties of Bengalgram Suited for Mechanical harvesting and higher yield. The two varieties of Bengal gram were NBeG 776 and Phule Vikram sowing taken up at Bheemare, channagiri taluk. Crop is at pod formation stage and there is clear differentiation in the plant height compared to the JAKI 9218. Dr Devaraja T.N SSH and Mallikarjuna B.O SMS (Agronomy) visited the OFT plots and interacted with the farmers. Mr. Rudresh B.C progressive farmer and OFT beneficiary shared his experience on the varietal characters.



2.Training program for DAESI

Contributors: Mr Mallikarjuna B. O., SMS (Agronomy)

Mr Mallikarjuna B.O., SMS (Agronomy) delivered lecture on improved production of field crops and impact of climate change on the crop yield and cropping patter to DAESI students, program organised at DATC, Shivamogga in collaboration with department of Agriculture. Interacted with DAESI students and made a field visit to the Manual operated and Automatic weather station at DATC , Shivamogga and explained the climatic parameters and how to correlate the climate parameters with change in yield.



Implementation of Demonstration on Integrated Crop Management in Rose

Contributors: Dr. Avinash, T.G., SMS (Plant Protection)

This Frontline Demonstration is implemented in Agasanakatte Village of Davanagere Taluk. Thrips infestation is major problem in providing good quality rose. This problem is initially addressed in the demonstration through providing Blue Sticky traps. Dr. Avinash T. G. SMS (plant Protection) said that by installing blue sticky traps @ 15 per acre will help in managing the Thrips population. Micronutrient is also provided as critical input. Mr. H. M. Sannagoudra H. M. SMS (Soil Scinece) said that micronutrient role is very important in flower development. Critical inputs provided to five partner farmers.



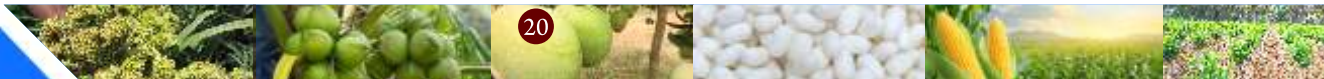


ICAR-KVK DHARWAD

One day Workshop on Drone Application in Agriculture for Farmer Producer's Organizations and Farmers

One day workshop for 50 Farmer Producer's Organizations (FPO's) and farmers was held on 10.01.2025 at ICAR-Krishi Vigyan Kendra, Dharwad. Hands-on workshop on drone technology in agriculture for farmers taught how to use drones to improve agricultural practices. The Government of Karnataka emphasizes the opportunities to capitalize the technological advances made in the application of unmanned aerial vehicles (UAV)/drones for agricultural purposes. To achieve this target, as a first step one day workshop for the FPO's and farmers was organized. The programme was inaugurated by Dr. B. D. Biradar, Director of Research and Dr. R. Basavarajappa, Director of Extension, UAS, Dharwad. The workshop was organized by the team of experts led by Dr. D. N. Kambrekar, Senior Scientist and Head, ICAR-KVK, Dharwad and Principal Investigator, RKVY project on Drone. Two drone companies viz., Multiplex Drone Pvt. Ltd., and NextLeap Aeronautics Pvt. Ltd., have participated and showcased their drones in the workshop. The workshop included both theory part and practical sessions. Technical persons from both the companies have given a lecture on design and technical specifications of drone. The researchable issues of standardizing the spray doses, calibrations for different horticultural crops having diverse planting methods and canopy size emerged during the interaction session. The highlight of the workshop was the drone flying session, where farmers got to see the insecticide application through drone. The demonstration of insecticide application through drone was held in the mango orchard at ICAR-KVK, Dharwad. This was a valuable opportunity for farmers to gain practical experience in drone technology and to develop their understanding of the applications of drones in various crops. In addition to the practical training, farmers also learned about the future of drone technology and its potential applications.

The workshop provided farmers with a glimpse into the exciting possibilities of drone technology and how it is shaping the future. By participating in the workshop, farmers not only gained valuable experience but also a better understanding of the potential applications of drone technology and the opportunities it presents.





Participation of KVK Scientist as resource person

Dr. Pallavi T., Subject Matter Specialist (Soil Science), ICAR-KVK, Dharwad participated as resource person in Flavors of Farm program organized by Jnanajyoti Vidyalaya, Thimmapura, Dharwad on 04.01.2025. The school children were addressed on the journey of food from 'Farm to Table' and about learning sustainable farming practices, responsibility to protect the resources to ensure future generations to continue to enjoy the flavors of the farm. More than 200 children participated in the programme.

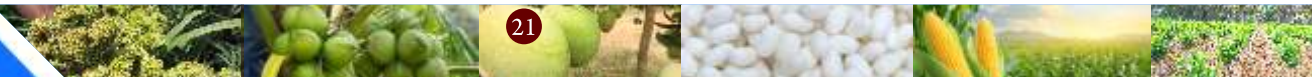


Training on Soil and water conservation measures and structures

ICAR-KVK, Dharwad organized a off campus training programme on Soil and water conservation measures and structures on 10.01.2025 at Shirur village of Kundagola taluk. Dr. Pallavi T, Subject Matter Specialist (Soil Science), ICAR-KVK, Dharwad explained the farmers regarding various techniques and measures like contour farming, cover crops, agro-forestry, mulching, rain-water harvesting, drip and sprinkler irrigation etc. to conserve soil and water in field situations. Dr. Praveen T. Goroji, Asst. Chief Technical Officer, addressed the farmers on initiatives to support farmers viz. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), National Mission for Sustainable Agriculture (NMSA), and the Soil Health Management scheme promote sustainable farming practices through efficient soil and water conservation. Nearly 35 farmers participated in the programme

Training programme and implementation of Front Line Demonstration (FLD) on 'use of compost culture for insitu decomposing of sugarcane trash'

ICAR-KVK, Dharwad organized a off campus training programme and implemented a Front Line Demonstration (FLD) on 'use of compost culture for insitu decomposing of sugarcane trash' in association with department of Agriculture, Kalaghatagi. Dr. Pallavi T, Subject Matter Specialist (Soil Science), ICAR-KVK, Dharwad explained the farmers regarding compost culture and how its utilization helps in efficient management of agricultural residues in-situ, nutrient conservation, soil health-fertility in a sustainable and eco-friendly way. Further, demonstrated the use of compost culture in decomposing sugarcane trash in farmer's field and distributed compost culture for implementing FLD.





Dr. Airadevi P. Angadi, Scientist (Horticulture), Mrs. Vidya V. Sangnnavar, SMS (Home Science), Dr. Santosh Onte, SMS (Agronomy) of ICAR-KVK, Dharwad and Mr. Amar Naikar, ADA, Dept. of Agriculture, Khalaghatagi, Dharwad were present. Nearly 25 farmers participated and benefited under the programme.



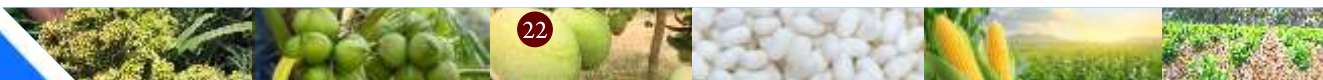
On the same day the team also visited fields of horticulture crops grown under organic farming of another progressive farmer Shri. Mahesh Kulkarni at Guruvinahalli village of Kundagol taluk. He was suggested to do honey bee rearing to enhance the yield of horticulture crops.



Visit to air potatoes, dragon fruit and of horticulture crops fields

Dr. D. N. Kambrekar, Senior Scientist and Head, Dr. Airadevi P. Angadi, Scientist (Horticulture), Smt. Vidya V. Sangannavar, Subject Matter Specialist (Home Science) and Dr. Santosh Onte, Subject Matter Specialist (Agronomy) of ICAR-KVK, Dharwad visited Air potatoes and Dragon fruit fields of a progressive farmer Shri. Shivangouda Patil who is active member of FPO at Mattikatti village of Kundagol taluk on 04.01.2025. The team suggested him to use bioagents for disease management in dragon fruit.

Contributors: Dr. D. N. Kambrekar, Senior Scientist and Head, Dr. Airadevi P. Angadi, Scientist (Horticulture), Dr. Pallavi T, SMS (Soil Science), Smt. Vidya V. Sangnnavar, SMS (Home Science), Dr. Santosh Onte, SMS (Agronomy), Dr. Praveen T. Goroji, Asst. Chief Technical Officer and Smt. Shailaja N. Galagali, Technical Officer (Computer), ICAR-KVK, Dharwad





ICAR-KVK ERNAKULAM

KVK Ernakulam Conducts Training Cum Exposure Visit on Inland Fish Farming for Farmers from Palakkad

On December 4, 2024, KVK Ernakulam organized a training cum exposure visit for 30 farmers and 10 staff members from the Kollengode block of Palakkad district under the ATMA SCPSC 2024-25 initiative. The program aimed to enhance participants' understanding of inland fish farming and showcase successful models that can be replicated in their region. Dr. P.A. Vikas, SMS Fisheries, led an engaging training session highlighting the immense potential of inland fish culture in areas like Kollengode. He provided detailed insights into small-scale farming techniques for species such as *Channa striata* (striped snakehead), Tilapia, and Pacu. As part of the exposure visit, participants interacted with KVK partner farmer Shri. Anil Augustin at his farm in Elookkara. Shri. Augustin shared his hands-on experiences, innovative practices, and the challenges he overcame in fish farming, offering practical guidance to the visiting group. This combined training and exposure visit successfully equipped the farmers with actionable knowledge to initiate or improve fish farming practices in their locality.



KVK's demonstration of Farm-gate fish marketing gains popularity in Ernakulam District

ICAR-KVK Ernakulam, which pioneered the concept of on-farm fish marketing in the district back in 2012, continues to lead efforts to empower farmers through direct marketing initiatives. This innovative model has since inspired various organizations to adopt similar programs across the district, including the recent "Malsyakahzcha" event organized by the Paliyakal Co-operative Society Bank from December 20th to 24th, 2024, at the Chathanad Fish Landing Centre, Ezhikkara. Dr. P.A. Vikas, Subject Matter Specialist (Fisheries) of KVK, provided technical guidance and orientation for the event, ensuring its success. The event was inaugurated by Vypin MLA Shri Unnikrishnan and enabled farmers to market live fish such as Asian Seabass, Pearlsport, Tilapia, Giant Trevally, and Red Snapper directly to consumers, earning approximately 10% higher prices for their produce. Over five days, approximately 150 kg of fish worth ₹1 lakh was sold daily, resulting in a total turnover of 700 kg worth ₹5 lakh. Customers highly appreciated the opportunity to purchase fresh, live fish directly from farmers, underscoring the growing success and relevance of the farm-gate marketing model championed by KVK Ernakulam.





ICAR-KVK GADAG

Organisation of training programme

Contributors: Dr. B.M.Murgod, Programme Assistant (Animal Husbandry) and Mrs. Hemavati R. Hiregoudar, SMS (Horticulture)

ICAR-KVK, Gadag and Centre of Excellence for Animal Husbandry (CEAH), Bangalore jointly organized 3 days training programme on “Scientific Animal Husbandry Practices” for farmers from 06-01-2025 to 08-01-2025 at KVK Campus. The programme was inaugurated by Dr.Nagaraj H., Deputy Director, Animal Husbandry and Veterinary Services, Gadag. During his inaugural address he gave the insights of various schemes and facilities available to farmers in the Department. The Chief Guest of the programme, Dr.H.Teggi, Joint Commissioner & HOD, CEAH, Bangalore highlighted that CEAH is aiming to enhance veterinary skills and entrepreneurial opportunities for fostering the self-employment in the sector. The programme was chaired by Dr.Sudha V. Mankani, Senior Scientist & Head (I/c.), ICAR-KVK, Gadag said that Animal Husbandry is very essential component of Integrated Farming system to achieve sustainable income and livelihood upliftment. During the training programme, technical sessions were conducted regarding milch breeds of Cattle and Buffaloe, feeding and housing of livestock, vaccination and healthcare, diseases, breeding systems, Poultry farming, Goat and Sheep rearing. A total of 41 farmers got benefitted by the training programme.



ICAR-KVK HASSAN

Field Day Programme at adopted Village

On 23/12/2024, ICAR-KVK, Hassan organized a Field Day on improved varieties of Ragi, Redgram, Field Bean, and Horse Gram, along with a human health camp at K. Hosahalli, Hassan Taluk, as part of the adopted village programme. Mr. Mohan, Agriculture Officer from the Department of Agriculture, Dudda, inaugurated the event. In his inaugural speech, he emphasized that farmers should adopt both improved crop varieties and organic farming practices to enhance their yields. Dr. Rajegowda, Senior Scientist and Head of KVK, Hassan, chaired the event. During his presidential remarks, he highlighted the importance of scientific farming practices and consulting with scientists to boost farmers' incomes. He also underscored the need for organic farming to improve soil health and ensure fertile soil for future generations. Dr. Shivashankar, M., Scientist (Home Science) at KVK, Hassan, gave an introduction to the event, explaining the objectives and significance of the field day. He discussed the performance of improved varieties such as Ragi (KMR-316), Redgram (BRG-5), Field Bean (HA-5), and Horse Gram (PHG-9), comparing their yield and quality with the existing varieties.





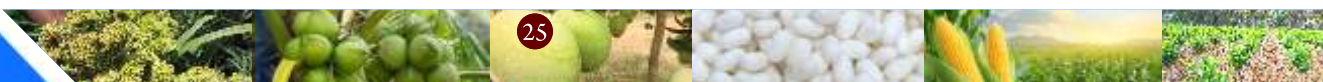
He also highlighted the role of mechanization and agroforestry in agriculture. Dr. Arunkumar, B. R., Scientist at KVK, Hassan, elaborated on how maintaining soil health can increase crop yields and farmers' income. He also explained the benefits of intercropping and crop rotation for soil health and recommended integrated pest and disease management to prevent crop losses. Following the presentations, farmers visited the demonstration plots to observe the results of the improved varieties, and progressive farmers were honored as part of the Farmers' Day celebrations. The event also featured a human health campaign and an eye check-up program. Mr. Krishnegowda, Mr. Deepak, progressive farmers from K. Hosahalli, the Headmaster of K. Hosahalli School, and farmers from K. Hosahalli and nearby villages participated in the event.



ICAR-KVK HAVERI

An innovative programme “Krishi Vigyanigala Nade Raitar Kade” by KVK Haveri

ICAR-Krishi Vigyan Kendra, Haveri organized an innovative program “Krishi Vigyanigala Nade Raitar Kade” (one stop solution for agricultural problems) at Sri Guddaleeswamy Mutta, Hosaritti Village, Haveri, Taluk. Dr. Guruprasada G. S., Senior Scientist and Head, in this inaugural speech emphasised the need of quality production of agriculture produce in order to meet socio-economical challenges. Further, he urged the way forward of natural farming and its important in ecological balance and minimization of input cost for incurring cultivation. He also narrated the importance nutrient management and integrated pest management in crops who also highlighted important of crop diversity, millet production for sustainable livelihood. Divya Sanidhya Shri. M.N.P., Guddalee Shivayogishwara Mahaswamy, Sri Guddaleeswamy Mutta, Hosaritti village who presided over the program offered the blessings and praised the ICAR-Krishi Vigyan Kendra, Haveri for organizing such programs. Further, he insisted the farmers to adopt natural farming practices for sustainable agriculture. Dr. Santosh H.M. Scientist (Horticulture) in his speech highlighted the importance of dryland horticulture to ensure livelihood security of the farmers, especially its important role in optimum utilisation of land and resources for sustainable livelihood. He suggested the selection of crops based on the climate change to face challenges as climate resilient. Dr. Mahesh Kadagi Scientist (Animal Science) emphasized the significance of indigenous cow breeds such as Gira, Saiwala, and Redsindhi for the production of high-quality milk, as well as indigenous cow dung and manure. He noted that these breeds not only facilitate the production of organic by-products but also enable the organic production of milk.



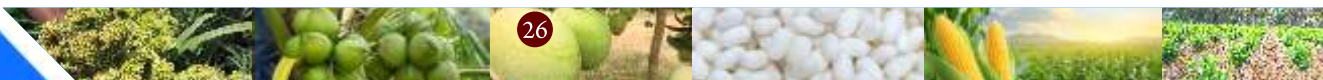


ICAR-KVK IDUKKI

Inauguration of SCSP Project and New Initiatives at KVK Idukki to Empower Farmers

Dr. Siddhagamma K. R. SMS (Agronomy) highlighted the important Organic farming practices and suggested to adopt practices like crop rotation, intercropping, green manures, composting and weed management to increase the production. Dr. Basamma Hadimani, SMS (Plant Protection) emphasized way of pest management organically by using appropriate cropping techniques, biological control and bio pesticides. Dr. Rashmi C. M, SMS (Soil Science) narrated essentiality of soil health for resilient crop production and supporting our ecosystem and highlighted the organic farming practices for improving soil health. Dr. Akshata Ramannavara, SMS (Home Science) highlighted importance of branding, packaging and marketing of organic products. Further, she briefed millets for healthy life. In this program progressive and organic farmers Mr. Basavaraja Navi, Mr. Malleshappa Bisirotti and Shri Prakash Dhongade shared their experiences of natural faming. During this event farmers and school children’s from Hosaritti village witnessed the occasion.

The Krishi Vigyan Kendra (KVK), Idukki, inaugurated the SCSP Project titled “Enhancing livelihood security of SC farmers of Santhanpara Panchayat via capacity building and demonstration of improved production technologies in spice crops,” funded by ICAR-NBAIR, Bengaluru. Dr. V. Venkatasubramanian, Director of ICAR-ATARI, Bengaluru, delivered the presidential address, while Dr. S. N. Sushil, Director of ICAR-NBAIR, inaugurated the project and distributed inputs to SC beneficiaries. The event also marked the launch of the Kisan Samridhi online portal spice kit and a honey product developed by the High Range Honey Unit supported by KVK Idukki. Additionally, a Bio-Control Lab and a Black Pepper Varietal Garden were inaugurated at the KVK campus. These initiatives aim to empower farmers with advanced technologies and improved agricultural practices for better livelihood and productivity.





ICAR-KVK, KALABURAGI-I

Field day on Pigeon pea

ICAR-KVK Kalaburagi-I conducted a field day on integrated crop management in pigeon pea (Transplanting method under irrigated condition) under Frontline Demonstration in collaboration with NICRA project, Kalaburagi at Sri Baburao Pattan field at Suntanur village in Aland taluka of Kalaburagi district on 02.01.2025. The event highlighted ICM technologies in pigeon pea by transplanting techniques especially in irrigated condition. Dr. Shreenivas, B. V., Scientist (Soil Science) explained about improved production technologies in pigeon pea for higher yield returns and also briefed about the summer ploughing, pigeon pea residue management and scope of soil and water testing in Agriculture. Dr. Zaheer Ahmed, Scientist (Pathology), had given brief introduction about integrated pest and disease management in pigeon pea and other pulses. A total of 12 demonstrations across 05 hectares were conducted. The field day, Gram Panchayat President Smt. Girijamma, Dr. Ningappa, Shri. Sharanu, Myrada Programme Officer, Baburao Dhannur, Veerabhadra Biradar and Progressive farmers were attended and witnessed by around 125 farmers.



Field day on Bt Cotton

ICAR-KVK Kalaburagi-I conducted a field day on Eco-friendly pest management of sucking pests in DCH-32 Bt Cotton under Frontline Demonstration at Sri Veerabhadra Biradar field at Vaijapur village in Aland taluka of Kalaburagi district on 03.01.2025. The event highlighted eco-friendly pest management technologies in cotton. Dr. Zaheer Ahmed, Scientist (Pathology), had given detailed introduction about integrated pest and disease management in DCH-32 Bt cotton. Dr. Shreenivas, B. V., Scientist (Soil Science) briefed about integrated nutrient management in cotton also focus on leaf reddening cotton. The field day, Gram Panchayat members, Shri. Sharanu, Myrada Programme Officer and Progressive farmers were attended and around 85 farmers were participated.





Training programme on Farmers Field Trials on Nano DAP

IFFCO, Zonal office, Kalaburagi in collaboration with Department of Agriculture, Kalaburagi jointly conducted one day training programme on Agro-climatic-Southern Plateau and Hills, Farmers Field Trials on Nano DAP on Redgram crop at Sri. Chandrasha field at Kadaganchi village in Aland taluka of Kalaburagi district on 04.01.2025. Dr. Shreenivas, B. V., Scientist (Soil Science), ICAR-KVK, Kalaburagi-I participated as a resource person and explained about improved production technologies in pigeon pea, fertiliser use efficiency in agriculture and importance of Nano DAP and also briefed about the summer ploughing, pigeon pea residue management and scope of soil and water testing in Agriculture. Sri. Sourabh, Manager, IFFCO, staffs, cooperative society members, progressive farmers and more than 45 farmers were benefited from the programme.



ICAR-KVK, KALABURAGI-II

Official inauguration of KVK Kalaburagi-II (Raddewadagi) Farmers hostel

The official inauguration of “farmer’s hostel”, KVK Kalaburagi-II (Raddewadagi) was took place on Thursday January 09 2025 at the Sri Jagajyothi Basaveshwar auditorium, university of agricultural sciences Raichur. The event was presided over by Dr. M. Hanumanthappa Vice-President UAS, Raichur, and featured Dr. Udham Singh Gautham, ADG (Agricultural extension) ICAR New Delhi as the chief guest. Dr. V. Venkatasubramanian Director, ICAR-ATARI (Zone-XI) Bengaluru and Dr. Shrinivasrao Charukamalli, Director IARI, New Delhi and Honourable board member UAS Raichur were attended as guest of honour. The same decorum was witnessed by the esteemed honorable board members, university key officers, university staff, students and farmers. The whole programme was convened by Dr. N. Sivashankar Director of Extension UAS Raichur and Dr. Vasudev Naik, Senior scientist and Head KVK Kalaburagi-II (Raddewadagi).





Field visit to FLD's on Grafted Brinjal and Tomato crops

On January 11, 2025, scientists from ICAR, KVK, Kalaburagi-II (Raddewadgi) paid a visit to the Kattisangavi village of Jewargi taluka. There, insect pests plagued with Grafted Brinjal FLD field. It was proposed that Dr. Chethan, T. (Scientist, Horticulture), recommended using insecticides that are part of the package of practice and farmers have given a very good feedback of grafted Brinjal with respect to growth, yield and less incidence of pest and disease incidence compare to non grafted local varieties. Later relocated to Tomato FLD field, that Dr. Chethan, T. (Scientist, Horticulture), recommended to use pheromone traps to control oozy fly to avoid fruit damage and Dr. Chandrakant (Scientist, Soil Science) recommended the farmers to go for the suitable marketing linkages for the higher returns.



ICAR-KVK KANNUR

KVK Kannur at Agri Fest 2025: Empowering Farmers with Science and Strategy

KVK Kannur in collaboration with Department of Agriculture Development and Farmers' Welfare organized Seminars in Agri Fest held at Alakkode on 14th and 15th January 2025 under the leadership of Hon'ble MLA of Irikkur Constituency, Sri. Adv. Sajeev Joseph. As part of the event, KVK organized a panel discussion on Plantation Crops – Scientific Cultivation of Coconut and Arecanut, moderated by Dr. Jayaraj P., Senior Scientist and Head, KVK Kannur. The discussion covered key aspects such as Standard Operating Protocol for Coconut and Arecanut by Smt. Renisha J. M., Integrated Pest and Disease Management by Dr. Manju K. P., Value Addition in Plantation Crops by Dr. Elizabeth Joseph, and the Importance of Group Approach in Adoption of Technologies by Dr. Parvathy A. Farmers who have successfully adopted SOPs with technical guidance from KVK shared their experiences, providing valuable insights to the participants. A special session on Export Opportunities of Major Crops was conducted by APEDA, highlighting potential markets and quality standards for agricultural exports. The programme witnessed the enthusiastic participation of over 200 farmers. Additionally, informative sessions on the Importance of Spice Crops and Cashew Cultivation were also conducted. As part of the event, a field visit was organized to eight panchayats and one municipality in Irikkur constituency to conduct a SWOC analysis of the existing agricultural situation, providing critical insights for future interventions and policy recommendations.





ICAR-KVK KASARGOD

**Foundation Stone Laying Ceremony
of the New KVK Building**

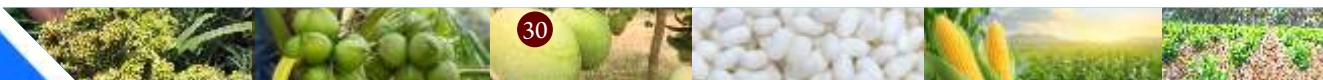
Contributors: Dr. Manojkumar. T.S, Head, KVK Kasaragod, Dr. Benjamin Mathew, SMS, KVK Kasaragod and Sri. Kiranmoy Patra, SMS, KVK Kasaragod

The foundation stone for the new KVK building was ceremoniously laid on January 3, 2025, by Dr. Himanshu Pathak, Secretary DARE and Director General, ICAR, New Delhi, who graced the event as the chief guest. Dr. B. Venkatasubramanian, Director, ICAR-ATARI, attended the occasion as the guest of honour. The event was further enriched by the presence of Dr. V.B. Patel, ADG, Horticultural Science Division, ICAR, and Dr. K.B. Hebbar, Director, ICAR-CPCRI. During the ceremony, the Director General provided insightful and strategic guidance to KVK staff, emphasizing the importance of aligning future activities with ICAR policies and Government of India schemes to enhance agricultural growth and development. The program saw the participation of notable attendees, including Dr. B. Augustine Gerard, Project Coordinator, AICRP on Plantation Crops; divisional heads; Mr. Ram Avtar Parashar, Chief Finance & Accounts Officer; Shri R.N. Subramanian, Senior Administrative Officer; and other staff members from ICAR-CPCRI and KVK Kasaragod. The program was conducted under the thoughtful guidance of Dr. K.B. Hebbar, Director, ICAR-CPCRI, ensuring its success and alignment with the institution's vision for progress and innovation.



**Kisan Mela and
Farmer-Scientist Interface**

The Farmer-Scientist Interface and Kisan Mela, jointly organized by ICAR-CPCRI and KVK-Kasaragod, was held from January 3 to 5, 2025, at the ICAR-CPCRI, Kasaragod. The event provided a platform for farmers, scientists, and entrepreneurs to exchange knowledge, showcase innovations, and explore opportunities in modern agriculture. The event was inaugurated by Dr. Himanshu Pathak, Secretary DARE and Director General, ICAR. During his visit, Dr. Pathak interacted with farmers, visited the exhibition stalls, and appreciated the innovative technologies, extension activities, and entrepreneurial initiatives promoted by KVK. The Farmer-Scientist Interface meeting was graced by Dr. S. K. Singh, Deputy Director General (Horticultural Science), as the chief guest. Dr. Singh engaged with farmers, addressed their concerns, and distributed seed kits during the concluding session on January 5, 2025. Dr. K.B. Hebbar, Director, ICAR-CPCRI, provided thoughtful guidance and support throughout the event. The program witnessed active participation from divisional heads, KVK scientists, and around 100 farmers. A key highlight of the Kisan Mela was the exhibition, which showcased technologies developed by KVK and value-added products created by 10 KVK-trained entrepreneurs. The exhibition offered a glimpse into the innovative advancements and entrepreneurial efforts being fostered by KVK.





As part of the event, various seminars, interface meetings, and field visits were organized, focusing on critical topics such as:

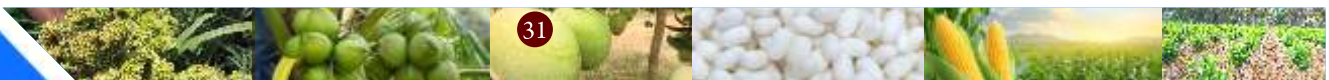
- ◆ High-Tech Horticulture
- ◆ Maintaining Soil Health for Sustainable Production
- ◆ Value Addition of Agricultural Produce

The Kisan Mela drew an impressive turnout of approximately 5,000 farmers and members of the public, making it a resounding success. The event highlighted the commitment of ICAR-CPCRI and KVK-Kasaragod to fostering sustainable agricultural practices, empowering farmers, promoting extension activities, and supporting rural entrepreneurship.

ICAR-KVK KODAGU

Field day on Management of virus affected black pepper plantations for sustaining the yield

Black Pepper is an important intercrop of Kodagu District and the crop is suffering from various diseases like Foot rot, yellowing due to nematodes and unproductive of black pepper vines in many plantations due to infections of virus causing huge loss for the farmers. Keeping this in view ICAR-KVK, Kodagu implemented the FLD on Management of virus affected black pepper plantations for sustaining the yield. The Field Day on Management of virus affected black pepper plantations for sustaining the yield was conducted at Maruru village of Kushalanagara Taluk. During the field day Dr. Veerendra Kumar K.V, SMS (Plant Protection) explained in details about technology package with spraying of Sea weed extract 1.0 ml/l during June, drenching of Arka Microbial Consortium 20 gm per lit of water, spraying of Black Pepper special 5.0 ml/l in 10 farmer's field. This Integrated demonstration of proven technology will educate and create awareness among farmers to manage unproductive of black pepper vines to regain its original yielding potential. A total 53 farmers attended the programme.





ICAR-KVK KOLAR

Inauguration of Diploma in Agricultural Extension Services for Input Dealers (DAESI) at ICAR-KVK Gonikoppal

A one-year Diploma in Agricultural Extension Services for Input Dealers (DAESI) programme was inaugurated at ICAR-KVK, Gonikoppal on 24th December, 2024 in collaboration with SAMETI, UAS Bengaluru, MANAGE, Hyderabad and Dept. of Agriculture, Kodagu District. Dr. R.Narayana Reddy, State Nodal Officer, SAMETI (South), UAS, Bengaluru along with Dr. D.S.Somashekar, Deputy Director, Dept. of Agriculture inaugurated the programme and highlighted the overview and importance of DAESI programme. Shri. Veerendra Kumar K.V. SMS (Plant Protection), ICAR-KVK, Gonikoppal welcomed the dignitaries and participants. An orientation to DAESI programme was organised to the registered participants. Dr. R.Narayana Reddy briefed the participants and the Facilitator about the programme and its implementation. The programme is sponsored by Forty Agricultural Input dealers from different parts of Kodagu, have registered for the programme. All the staff of KVK, Kodagu also participated in the function. Finally, the programme was concluded by a vote of thanks by Pratapa. S, Facilitator (DAESI).



Field day on Field bean HA-4 & Redgram BRG-5

KVK, Kolar organised a field days of FLD Integrated crop Management in pigeon pea variety BRG-5 and Demonstration of field bean variety HA-5 for drought tolerance in Alavatta village of Srinivasapur taluk on 03.01.2025. Around 30 farmers participated in the field day.



Organised training programme on production of quality fodder for dairy animals

ICAR-KVK, Kolar and IGFR, Dharwad jointly organised training programme on production of quality fodder for dairy animals and distributed Cow mats and Super Napier and Dharwad hybrid Napier-1 slips to SC farmers under SCSP Project. Around 50 farmers participated and benefitted from the programme.

Dr. Nagarathna Biradar and Dr. Vinod Kumar from IGFR, Dharwad participated as resource persons and delivered lectures on importance of green fodder in dairy industry. Programme was held on 09.01.2025 at Lakshmisagar village of Srinivasapur taluk.



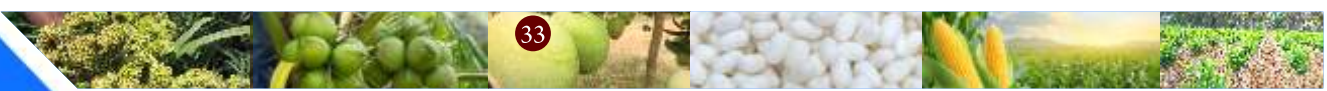


Group meeting

ICAR-KVK, KOLAR Scientists conducted group discussion with farmers of Lakshmisagar village of Yeldur (H), Srinivasapur (Taluk), Bevahalli village of Dugasandra (H), Mulbagilu (Taluk) and collected information of the village, field problems to propose FLDs, OFTs and Extension activities in Srinivasapur cluster for 2025-26 on 13.01.2024. Around 55 farmers participated in the meeting.

Group discussion

ICAR-KVK Kolar conducted Group discussion with farmers of Abbigeri Hosahalli, Kasaba (H), Bangarpete (Taluk) collected basic information of the village, field problems to propose FLDs, OFTs and Extension activities in Bangarpet Cluster for 2025-26 on 11.01.2024. Around 30 farmers actively participated in the meeting.





ICAR-KVK KOLLAM

Empowering Future Workforce: On-the-Job Training (OJT) Programs for VHSE Students

On-the-Job Training (OJT) for Vocational Higher Secondary Education (VHSE) students in Kerala is an essential component of their vocational curriculum, aimed at providing students with practical exposure and real-world experience in their chosen fields. This mandatory training allows students to work in real-life situations such as service centre's, repair shops, farms, production units, or similar workplaces under the guidance of experienced practitioners. By integrating theoretical knowledge with hands-on training, OJT bridges the gap between classroom learning and the skills required for employment, entrepreneurship, or higher education. This experiential learning approach is pivotal in enhancing the employability of students and equipping them to meet the demands of the job market. In alignment with this educational mandate, ICAR-Krishi Vigyan Kendra (KVK), Kollam organized OJT programs across several key vocational job roles to cater to the diverse needs of VHSE students. These included Organic Growers (4 programs), Floriculturist (2 programs), Gardener (4 programs), and Interior Landscaper (2 programs). Each program was carefully designed to provide focused, skill-based training tailored to the specific job roles. A total of 319 VHSE students participated in these OJT programs, each of which lasted for one week. The training sessions offered students hands-on experience in various practical aspects of their respective fields.



◆ **Organic Growers:** Students were trained in sustainable agricultural practices, organic manure preparation, pest and disease management without chemicals, and organic certification procedures. The training included field demonstrations on organic farming techniques.

◆ **Floriculturist:** This program focused on the cultivation of flowers, nursery management, and value addition in floriculture, such as bouquet making and floral arrangements for events. Students were also introduced to modern propagation techniques and market strategies.

◆ **Gardener:** Participants learned about landscape gardening, plant propagation methods, pruning, soil health management, and ornamental plant maintenance. Special emphasis was placed on eco-friendly gardening techniques.

◆ **Interior Landscaper:** This program covered the design and maintenance of indoor gardens, selection of suitable indoor plants, hydroponic gardening, and aesthetic arrangements for interior spaces.

The programs were conducted in collaboration with local farms, nurseries, and KVK demonstration units to ensure that students received training in real-world conditions. Experienced trainers and field experts mentored the students, offering guidance and sharing valuable insights into their professions. By the end of the training, students had gained significant practical knowledge, improved their technical skills, and developed a better understanding of the career opportunities in these fields. The hands-on nature of the program not only enhanced their confidence but also encouraged some to consider entrepreneurship as a viable career option. The OJT programs by KVK Kollam have thus contributed significantly to the holistic development of these VHSE students, making them better prepared for the challenges and opportunities of the workforce.





ICAR-KVK KOPPAL

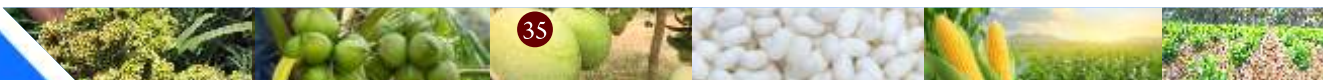
Training programme on gall midge management in paddy

Gall midge is a major pest of rice crops in many parts of India. The incidence of gall midge is high in irrigated or rainfed wetland environments, especially during the tillering stage of the rice crop. ICAR KVK Koppal along with KSDA, Koppal organised a series of training programme on management of gall midge in gundur, karatagi, siddapura, yardona and gangavathi villages. Dr. Raghvendra Yaligar Senior scientist and head ICAR KVK Koppal explained about management of gall midge and other pest in paddy. Smt Revathi Scientist (plant pathology) explained about disease management of paddy. Sri Narappa Farm manager explained about nutrient management in paddy. More than 1500 paddy farmers.



Field day on foxtail millet

Millets are nutri cereals comprising of sorghum, pearl millet, finger millet (Major millets) foxtail, little, kodo, proso and barnyard millet (minor millets). These are one of the oldest foods known to humanity. Millets are highly nutritious, non-glutinous and non-acid forming foods. Millets have many nutraceutical and health promoting properties especially the high fibre content. ICAR KVK Koppal along with KSDA organised field day on foxtail millet field day in Venkatgiri village, Gangavathi. Programme was inaugurated by gall midge in gundur, karatagi, siddapura, yardona and gangavathi villages. Dr. Raghvendra Yaligar Senior scientist and head ICAR KVK Koppal explained about new varieties of millets. Dr Kavitha Y Ullikashi Scientist (Home Science) explained about the nutritional importance and value addition to millets. Sri Santosh Agriculture officer explained about different programmes regarding millets in department. More than 50 farmers participated in the programme.





ICAR – KVK KOTTAYAM

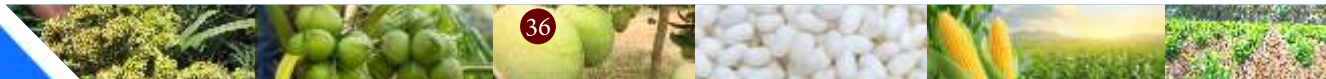
XVII Scientific Advisory Committee Meeting conducted by KVK, Kottayam

XVII Scientific Advisory Committee meeting of KVK Kottayam was conducted on 6th January, 2025. The meeting was chaired by Dr. Jacob John, Director of Extension, Kerala Agricultural University and special address was delivered by Dr. D. V. Kolekar, Scientist and Nodal Officer, ICAR - ATARI, Bengaluru. Scientists from institutes like CPCRI, CTCRI, CIFT, CMFRI, Indian Institute of Rubber Research, other Krishi Vigyan Kendras, officials from departments of Agriculture, Animal Husbandry, Fisheries, DIC, District Manager (NABARD), Manager (Lead Bank), and officials from other line departments, Akashavani and farmer representatives were participated in the programme. The action taken report of previous SAC was presented by Dr. G. Jayalekshmi, Programme coordinator. The action plan for year 2025-26 was also discussed in the meeting and suggestions were given by the officials from the line departments. During the program, two newsletters and one leaflet were published. Additionally, battered and breaded products made from banana and amaranthus were also introduced.



On the Job Training Programme

On the Job Training for Organic Grower (ORG), Gardner (GNR), Vegetable Grower (VG) and Floriculturist (FCT) batches of Vocational Higher Secondary School students from RVG VHSS Chenappady, VHSS Brahmamangalam, VMBSGVHSS Thalayolaparambu, St. George VHSS, Kaipuzha and GVHSS Kanakkary was conducted at KVK Kottayam from 7th to 14th January. The students were given field level training on organic farming, gardening, nursery management, plant protection and other aspects of agriculture. They were given hand on training on plant propagation methods like grafting, budding, layering and preparation of organic manures and bio-inputs.





ICAR-KVK KOZHIKODE

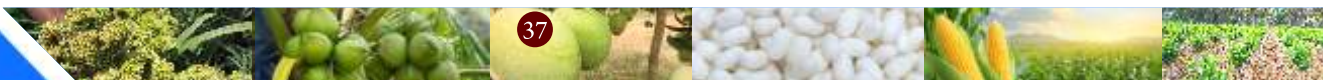
Skill development programme on Household level oyster mushroom spawn production

A three days paid skill development programme on Household level oyster mushroom spawn production was conducted on 18th, 19th and 27th December 2024. The trainees were familiarised with handling of glassware, its sterilisation, media preparation, equipment required for household level production of mushroom spawn. Practical sessions on tissue culture technique for mushroom spawn production, and preparation of pure culture, mother spawn and bed spawn were also conducted. The trainees were given hands on training experience for building up confidence to start a unit. They were also provided with certificate, a training manual and two first generation spawn as a consolation for starting up the household level production. A total of seven trainees attended the programme. The programme was led by Dr.K.K.Aiswariya, SMS (PP).



A capacity development programme on “Planting material production in spices and plantation crops”

was organized for SC youth at KVK on 15th and 16th January 2025. “Hands on” training on various propagation techniques like grafting, budding, layering, rooting of cuttings etc. was imparted to the trainees apart from theory sessions. A total of seven trainees attended the programme. The programme was led by Dr.P.S.Manoj, SMS (Horticulture).





Swachhta Pakhwada campaign

The Swachhta Pakhwada campaign was actively celebrated at the Krishi Vigyan Kendra from December 16 to 31, 2024. A total of 11 special programmes were organized during this period, alongside daily cleaning activities aimed at promoting cleanliness and environmental responsibility. The campaign commenced with the Swachhta Pledge, where participants committed to maintaining cleanliness and spreading awareness. Three dedicated awareness programmes on Swachhta were conducted to emphasize the importance of hygiene and waste management. A signature campaign was launched to garner community support for the initiative, and a Swachhta-themed quiz was held to engage and educate students. In addition to these activities, Kisan Diwas was celebrated with a special awareness program focusing on natural farming practices, highlighting sustainable agricultural methods. The campaign also included a campus-wide plastic waste collection drive, underscoring the importance of reducing plastic pollution. The events witnessed enthusiastic participation, with 150 students, 88 farmers, and 17 staff members taking part in various activities. This collective effort reflected the commitment of the KVK community to fostering a cleaner and healthier environment through the Swachhta Pakhwada campaign.



ICAR- KVK LAKSHADWEEP

KVK-Lakshadweep distributed Soil-Less Media in Collaboration with ICAR-IIHR

The KVK- Lakshadweep, ICAR-CMFRI in collaboration with ICAR-IIHR, organized a distribution programme of soil-less media on 7th January, 2025. This initiative is a continuation of KVK-Lakshadweep's ongoing efforts to promote sustainable and innovative agricultural practices tailored to the unique geographical and environmental conditions of the region. Given the scarcity of arable land and the challenges posed by the island's calcareous soil, the introduction of soil-less cultivation methods has emerged as a promising solution for enhancing vegetable production. The programme was attended by farmers, self-help groups, and agricultural enthusiasts to receive the soil-less media bags. Dr. V.M. Abdul Gafoor, SMS (Animal Science), reiterated KVK-Lakshadweep's commitment to making the islands self-sustainable in vegetable production. This method not only improves crop yield but also reduces dependency on imported vegetables, thereby contributing to the island's food security. Dr. Abhishek Das SMS (Soil Science) explained the technical aspects of the media which is specifically designed to provide essential nutrients and support plant growth without the need for conventional soil. The success of this initiative is expected to pave the way for more sustainable agricultural projects in the future, ultimately contributing to the overall development and prosperity of the Lakshadweep islands. The programme was coordinated by Dr. V.M. Abdul Gafoor, Dr. Abhishek Das, Dr. Raju, C.A., Dr. Marepally Udaya Sindhu and the other staffs of KVK-Lakshadweep.





ICAR-KVK MALAPPURAM

Millet Training for SC Farmers under SCSP Off-Campus Scheme at Pulamanthole

KVK Malappuram successfully conducted a one-day training program on millet cultivation for 50 SC farmers at Pulamanthole under the Scheduled Caste Sub Plan (SCSP) initiative. The training aimed to enhance farmers' knowledge about millet varieties, their nutritional benefits, and sustainable cultivation practices. Experts provided hands-on guidance on seed selection, soil preparation, and organic farming techniques to ensure high yields and profitability. Participants were also briefed on government schemes and market linkages to promote millet as a profitable crop. The event highlighted the role of millets in improving food security and farmer incomes while fostering sustainable agriculture.



Enhancing Agricultural Skills for Vocational Excellence

Skill enhancement in agricultural subjects is crucial for students pursuing agriculture-based vocational higher secondary courses. In this context, two batches of students (30 students each) from the Agricultural Extension Service Provider and Micro-irrigation Technician courses at GVHSS, Tavanur, participated in a week-long training programme from January 7th to January 14th, 2025. This meticulously designed training emphasized hands-on practices, covering key areas of agricultural development, scientific farming approaches, technology assessment, refinement techniques, and strategies for technology adoption. The sessions delved into irrigation water management, micro-irrigation systems, drip layout planning, and practical field exposure to on-farm trials (OFT). Students laid out drip lines in the KVK plot under the technical guidance of KVK scientists. Dr. Priya G. Nair coordinated the Micro-irrigation Technician course, while Dr. Lilia Baby oversaw the Agricultural Extension Service Provider course. Expert sessions were handled by SMS Dr. Akhil Raj, Mr. Adarsh S., Mrs. Binseena S.R., and Dr. Jasna V.K., focusing on employment and entrepreneurial opportunities in agriculture. Topics covered included methodologies for conducting training need assessments, establishing small enterprises in food processing, planning and preparing to provide agricultural extension services (AES), and assisting farmers in forming SHGs/FIGs/PGs and building forward and backward linkages. The training also addressed plant nursery establishment, safety and health practices at the workplace, and strategies for supporting farmers through effective extension and training initiatives. This comprehensive programme equipped students with the knowledge and skills needed to pursue entrepreneurial ventures and employment opportunities in agriculture.



Panel discussion on Animal Husbandry Issues

As a part of the Grand flower show “Pooppoli 2025” being conducted annually at Wayanad, under the auspices of Regional Agricultural Research Station-Ambalavayal, College of Agriculture - KAU, KVK Wayanad and Department of Agriculture and farmers welfare, Kerala - a series of panel discussions were carried out on various agriculture related topics. The panel discussion on 8th January 2025 on Animal Husbandry issues included three topics of high relevance in the current scenario such as; Optimal feeding practices for dairy animals, Updates on mastitis in dairy cattle, and Scope of Value addition in livestock sector. Among various experts representing Universities, state departments and NGOs, SMS (Animal Science), Dr. Ibraheem Kutty of KVK Malappuram participated with leading speech on optimal feeding practices and active involvement on subsequent discussions, focusing economically feasible and sustainable management of livestock production in the state having acute shortage of concentrate ingredients and fodder production





Front line Demonstration on Bio-intensive management of stem borer and leaf folder in Rice

As part of this FLD on Bio-intensive management of stem borer and leaf folder in Rice, 10 farmers were selected with a minimum of 1 Acre in the area around Kadancheri village. Initial distribution of 40 Trichogramma cards including both Trichogramma japonicum and Trichogramma chilonis at 20 each was carried out under the supervision of Binseena S R, SMS (Entomology) on 01/01/2025. Twenty hills at random from the 1 acre area were closely observed for the presence of dead heart symptoms caused by yellow stem borer and rolled and scrapped leaves symptoms for leaf roller. The second distribution of 40 Trichogramma cards was done on 13/01/2025 and intensity of damage was also recorded.



ICAR-KVK MANDYA

Health camp at adoptive village: B.Hullukere

Krishi Vigyan Kendra, V C Farm, Mandya, University of Agricultural Sciences, Bangalore, in collaboration with the Ayush Department, Mandya, organized a human health camp on 04.01.2025 at adoptive village, B. Hullukere in Mandya Taluk and District. The camp was inaugurated by Sri Ramesh, Gram Panchayat Member, in his inaugural address, emphasized the rising prevalence of health issues among farmers and farm women, such as diabetes, high blood pressure and vision problems. He appreciated KVK for organizing the camp at right time and urged all villagers to make the most of this initiative. The program was presided over by Dr.Kamalabai Koodagi, Senior Scientist and Head, KVK, Mandya. She highlighted how modern lifestyles and dietary habits are contributing to various health challenges. She advised the villagers to adopt healthier lifestyles and food practices to prevent diseases.

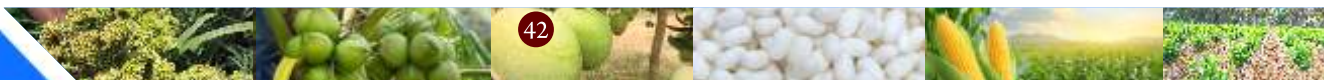
Dr.Madhupalathi, Ayush Medical Officer, spoke on the efficacy of Ayurvedic medicine in treating various ailments. She assured the villagers that Ayurvedic treatments are safe and free from adverse effects, making them suitable for children and women as well. The health camp witnessed the active participation of Ayurvedic Medical Officers, including Dr.Lokesh, Dr.Rajani Hegde, and Dr.Ambika, who provided consultations and treatment to the villagers. Dr.Rekha, Scientist (Agronomy), Dr.Mahesha H. M., Senior Technical Officer, KVK and pharmacists and assistants from the Ayush Department were present in the programme. The camp received an enthusiastic response from the villagers, contributing to the overall success of the event.



ICAR JSS KVK SUTTUR MYSORE



ICAR JSS Krishi Vigyan Kendra Suttur organized Drone Pilot training (Adithya -Multiplex companies) sponsored by social welfare department facilitated by ICAR JSS KVK Suttur to organize Drone Pilot training for 6th batch 1-15 January 2025 for 15 days at KVK campus. The program was inaugurated on 1st January 2025 by JSS MVP horticulture director Shri. N M Shivashankarappa and addressed the gathering about use of new age technologies and ICAR JSS KVK Senior Scientist and Head Dr. B N Gnanesh explained about KVK role in organizing the training and facilities available at KVK. The program anchored by shri Shamaraj SMS(Agronomy) KVK Suttur. The valedictory program Drone Pilot training for 6th batch organized on 16th January 2025.



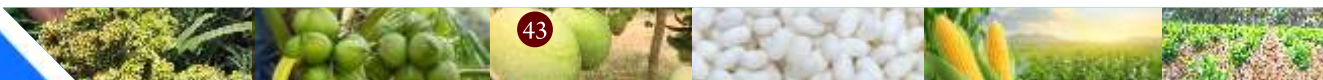


ICAR-KVK PALAKKAD

ICAR JSS Krishi Vigyan Kendra Suttur Shri. Shamaraj SMS (Agronomy) participated as a resource person in a field program on DSR paddy organized by ITC –Mysrad at Kalmalli village Nanjangud taluk. Shri. Shamaraj SMS (Agronomy) delivered lecture on soil fertility management in paddy fields, problematic soil management practices, soil and water management practices like alternate wetting and drying (AWD).

Hands-On Training on Sweet Potato Value Addition for Enhanced Commercialization

Two Hands-on training programs on sweet potato value addition were organized at Krishi Vigyan Kendra (KVK), Palakkad, under the NABARD-funded project entitled “Enhancing Sweet Potato Commercialization in Palakkad District for Nutritional Security” on 23.12.2024 and 30.12.2024. The training aimed to empower farmers, self-help groups, and rural entrepreneurs by demonstrating the preparation of value-added products such as sweet potato cookies, cakes, sweet potato powder, and custard powder. The farmers were also given a session in sweet potato cultivation. The participants were guided through the step-by-step processes of product development, focusing on maintaining nutritional value, improving shelf life, and ensuring market appeal. Practical sessions were complemented by discussions on packaging, labeling, and compliance with FSSAI guidelines to ensure product standardization and market readiness. This initiative effectively highlighted the potential of sweet potato as a nutritionally rich crop for value addition, offering participants an opportunity to enhance their income through entrepreneurship while contributing to local nutritional security.





Four OJT Training (Organic Grower, Gardner & Floriculturist) for Higher Secondary Students at KVK Palakkad

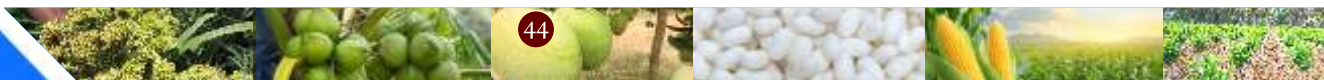
KVK Palakkad provided four 6-day On Job Training (OJT) program for higher secondary students, covering diverse areas like gardening, floriculture, and organic farming. Around 64 students from GHSS Agali (Organic grower), GVHSS Deaf Ottapalam (Gardner), SVHSS Eruthiampathy (Gardner and Floriculturist) attended OJT training. The training encompassed practical sessions on various aspects, including soil preparation, seed selection and sowing, plant propagation techniques, pest and disease management, organic manure preparation, and the principles of organic farming. Students gained hands-on experience in cultivating different crops, understanding the nuances of flower cultivation, and implementing sustainable agricultural practices. This immersive experience provided valuable insights and practical skills to the students, fostering their interest in agriculture and preparing them for potential career paths in these fields.



ICAR-KVK PATHANAMTHITTA

Empowering Farmers: Training and Input Distribution Under Scheduled Caste Sub-plan 2024-25

ICAR-KVK, Pathanamthitta organized an input distribution cum training program under the Scheduled Caste Sub-Plan (SCSP) 2024-25. The event was held on January 3, 2025, at ICDS Anganwadi Center No. 23 in Eraviperoor Grama Panchayat, aiming to support and uplift the agricultural practices of Scheduled Caste farmers in the region. The program was presided over by Mrs. Gigi John Mathew, Member Koipuram Block Panchayat and inaugurated by Mr. Sasidharan Pillai K.B, President, Eraviperoor Grama Panchayat,. In his inaugural address, Mr. Sasidharan emphasized the importance of equipping SC farmers with modern agricultural inputs and techniques to boost productivity and income. Dr. Vinod Mathew, Subject Matter Specialist (Agronomy) provided a detailed explanation of the project, outlining its objectives and the expected benefits for farmers. The event witnessed the participation of several dignitaries, including Ms. Biji Benny, Member, Eraviperoor Grama Panchayat and Ms. Mini Abraham, Scheduled Caste Development Officer Koipuram Block. The program also included an interactive session, where beneficiaries shared their experiences, highlighting the impact of similar initiatives under SCSP in overcoming challenges and improving yields. As part of the SCSP initiative, selected beneficiaries received various agricultural inputs including ginger saplings in grow bags, pepper saplings, vegetable seeds, grow bags filled with potting mixture and sprayers. These inputs were distributed with the goal of promoting sustainable and productive farming practices. As part of the programme, training sessions were conducted for beneficiaries at the Othera Vikas Centre.





These sessions focused on ginger cultivation, pepper cultivation, and vegetable farming, with an emphasis on organic and sustainable methods. The training provided practical knowledge and hands-on demonstrations to help farmers utilize the distributed inputs effectively. A total of 84 SC beneficiaries participated in the programme.



Drone Demonstration Continues To Make An Impact In The District

The Krishi Vigyan Kendra (KVK) has taken a significant step towards modernizing agriculture in the district by initiating the second phase of the Agri-Drone project under the Ministry of Agriculture and Farmer's Welfare. This project aims to raise awareness among the farming community about the revolutionary role of drones in agriculture, particularly in enhancing efficiency, safety, and sustainability. The Agri-Drone project has made substantial progress, aims to cover a total of 250 acres across the district in its two phases. During the first phase, KVK successfully covered 68 acres, demonstrating the potential of drones in transforming agricultural practices in all the 8 blocks in the district. Building on this success, the second phase has covered approximately 138 acres so far, extending the impact of the project to key locations such as Pulikeezhu, Parakode, Pandalam, Elanthoor, Ranni, and Malappally blocks. The project has been designed to showcase the effectiveness of drones through 250 demonstrations across all eight blocks of the district. These demonstrations include live sessions where farmers can witness drones in action, learn about their operation, and understand the benefits of adopting this advanced technology. The project has been designed to showcase the effectiveness of drones through 250 demonstrations across all eight blocks of the district. These demonstrations include live sessions where farmers can witness drones in action, learn about their operation, and understand the benefits of adopting this advanced technology.

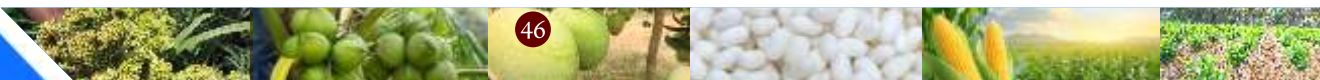




ICAR-KVK RAICHUR

This collective effort aims to encourage farmers, especially small and marginal ones, to adopt drone technology as a practical solution to improve agricultural productivity and sustainability. By introducing cutting-edge technology to the district, the Agri-Drone project is not only modernizing agricultural practices but also empowering farmers to achieve greater productivity, sustainability, and safety in their operations. This initiative underscores KVK's commitment to driving innovation and ensuring the district's farming community remains competitive and future-ready.

ICAR-KVK Raichur scientists conducted field day on "Demonstration of tractor operated cotton shredder for cotton straw management" in Puratipli village of Raichur dist. on 7th Jan 2025. Cotton is a main crop in Raichur district, after harvest straws are burnt in the field itself which causes pollution to environment and affects soil condition also so the cotton shredder can be used as alternative which cuts the cotton stalks and buries in the soil converted into green manure. While cutting cotton stalks manually have these problems like high labour cost, more human drudgery and more time consuming hence there is need of cotton shredder for management of cotton straw after harvest. Keeping in this view FLD was initiated on Cotton shredder, demonstration and field day was conducted on Puratipli village. Senior scientist and head Dr.Hanumantappa Srihari, Dr. Hemalatha K. J., Scientist (Horticulture), Dr.Shreevani G N, Scientist (Entomology), Dr. Sangeetha and Dr. Umesh were present in the programme. Er.Veena T, Scientist (PFE) organised the event. More than 50 farmers participated in the field day and got benefitted from the technology.





ICAR-KVK SHIVAMOGGA

Certification course on integrated nutrient management (CCINM) for 3rd batch (06.01.25 to 20.01.25)

Inaugural programme of “Certification course on Integrated Nutrient Management” for input dealers of primary agriculture co-operative societies from 06-01-2025 to 20-01-2025. The event was inaugurated on 07-01-2025 at ICAR-KVK, Shivamogga by Dr. R. C. Jagadeesh, Hon’ble Vice Chancellor, KSNUAHS, Shivamogga. He emphasized the importance of soil testing and advised the input dealers to distribute the fertilizer based on the soil test results and also to suggested that, advice farmers to get soil analysis done. The training programme included various sessions related to integrated nutrient management viz, Agro-ecological situations of Karnataka, essential plant nutrients, their role in plants and its uptake mechanism, importance of organic manures, biofertilizers and nanofertilizers in agriculture, soil testing and recommendation of fertilizers based on soil test report, problematic soils and their management, nutrient deficiencies in plants and their management, integrated farming system, etc,. Further, the trainees were exposed to field visits to integrated farming system farmers’ fields in Anekoppa and Mavinakoppa of Hosanagara taluk, vermicompost production unit at Ramachandrapura Mutt, Fertilizer quality control laboratory and bio-control laboratory at District Agriculture Training Centre, Davanagere and Taralabalu ICAR-KVK, Davanagere. Total of 25 input dealers are undergoing the course.



ICAR-KVK THRISSUR

"Empowering VHSE Students with Practical Expertise through On the Job Training- KVK,Thrissur"

On the Job Training programme (OJT) for VHSE students is a week-long practical training initiative organized in partnership with KAU and the Directorate of Vocational Higher Secondary Education in Kerala. This program focuses on providing students with both practical skills and theoretical insights into contemporary agricultural practices to enhance and refine the job skills they have already developed in the classroom. At KVK Thrissur, On the Job Training (OJT) programme was conducted from January 6th to 13th, 2025, engaging 69 students from three schools in two pertinent courses: Organic Grower and Vegetable Grower. As part of the course “Organic Grower” students were provided with classes on the significance of organic farming, weed management, irrigation techniques in organic farming, soil health management, nursery management, integrated pest and disease management and organic certification. Students participated in practical sessions that included land preparation, field layout, organic manure application, planting, mulching, manual weeding, irrigation, preparation of manures like Trichoderma enriched farmyard manure, coirpith compost etc. Students were trained to prepare potting mixture, growbag filling, nursery management and agronomic management practices in main field as part of ‘Vegetable Grower’ course. Skill development in contemporary techniques such as nursery propagation methods and the use of mechanical tools like brush cutters and coconut climbers received positive feedback from the students. Hands-on training in modern mushroom cultivation was offered to the students.

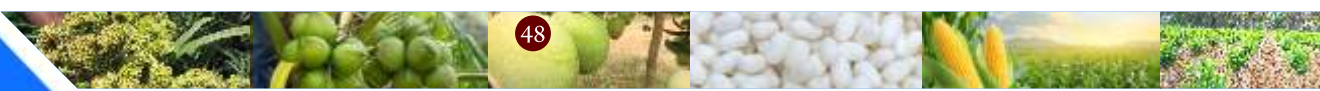


Participants had the opportunity to visit notable research and training facilities, including Hi-tech nursery at ARS, Mannuthy and Olericulture Department at the College of Agriculture, Vellanikkara, to experience advanced techniques in vegetable crop production such as vegetable seedling grafting, precision agriculture, and advanced irrigation methods. Additional visits to the Banana Research Station at Kannara, Cashew Research Station at Madakkathara, Cocoa Research Station at Vellanikkara, and Floriculture Department at the College of Agriculture, Vellanikkara, provided deeper insights into advanced agricultural research and innovations, making the programme a comprehensive skill-building experience.

ICAR-KVK TRIVANDRUM

Empowering Beekeepers: Long-Duration Apiculture Training at KVK Trivandrum

KVK Trivandrum is conducting a long-duration training program on apiculture, providing participants with comprehensive knowledge and practical skills. The program includes method demonstrations and hands-on training across all critical beekeeping seasons, culminating in the harvesting and processing of honey. A total of 28 participants are actively attending the training, with 11 of them receiving additional support under the SCSP (Scheduled Caste Sub Plan) program. These 11 participants are provided with critical inputs, such as bee colonies, smokers, bee veils, and knives, to enhance their income generation capabilities. The program follows a structured schedule, with three sessions conducted each month, ensuring consistent learning and practice. This initiative will continue until April 2025, offering participants valuable insights and experience in apiculture. KVK Trivandrum has been organizing similar long-duration training programs for the past 10 years, showcasing its commitment to empowering individuals through sustainable agricultural practices. By equipping participants with the necessary tools and knowledge, the program contributes to the development of apiculture as a viable and profitable livelihood option.





ICAR-KVK TUMKUR-I

Sanjeevini KSRLPS Krushi Shaki training programme

ICAR-KVK-Tiptur, Tumkur-1 conducted Sanjeevini KSRLPS Krushi Shaki training programme from 06/01/2025 to 11/01/2025 for 34 krushi shaki'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. Keerthishankar, K., Scientist(Horticulture) explained about Different types of farming system and seed treatment. Dr. Tasmiya kowser, Scientist (Agronomy) explained the different types of soil, soil and water analysis and soil health card. Mr. Manoj, Scientist (Plant protection) talked different Biological methods of pest and disease control. Mr. Drashan, M.E., Explained about different teaching methods, Certification and KVK role etc.



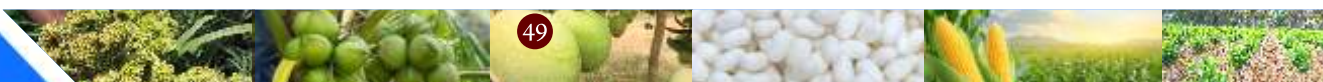
FLD on "Demonstration of Arka action plus for enhancing quality and disease resistance in pomegranate"

ICAR-KVK, Tiptur, Tumkur -1 Horticulture scientist Dr. Keerthishankar, K., initiated FLD on "Demonstration of Arka action plus for enhancing quality and disease resistance in pomegranate" at mathihalli village of Tiptur taluk.



Foundation day celebration of Coconut Development Board

ICAR-KVK, Tiptur, Tumkur-1 participated in Foundation day celebration of Coconut Development Board @ Kunigal. Hon'ble Vice chancellor of UASB Dr. S V Suresh sir and former VC and FPO president Dr. Narayana Gowda sir and CDB Director are participated as chief guests in the program.





OFT on assessment of plastic tray with brood chamber in honey bee

ICAR -KVK Tumkur Scientist (Plant protection) Mr. Manoj H initiated OFT on assessment of plastic tray with brood chamber in honey bee and delivered importance of honey bee.



Training programme on “Tamarind based value-added products

ICAR-KVK, Tiptur, Tumkur 1, Scientist (Home Science) Dr. Sindhu P B conducted training programme on “Tamarind based value-added products” at KVK. Tamarind, a well-known source of nutrients is being underutilised due to lack of awareness about the nutritional importance and value addition to tamarind. In this view, value addition to 30 farmers was organised at KVK, Konehalli and demonstration on products such as tamarind candy, tamarind thokku and tamarind lollipop was carried out. Packaging, labelling and marketing related information was also provided.



National Millet Festival and the State Seminar on Millet Production, Value addition and Marketing

ICAR-KVK, Tiptur, Tumkur-1 participated as resource person in the National Millet Festival and the State Seminar on Millet Production, Value addition and Marketing held in Tumkur, which was chaired by the esteemed Home Minister. Sri G. Parameshwara. Dr. Sindhu, P.B., Scientist (Home Science) delivered talk on "Health benefits and value addition to millets".





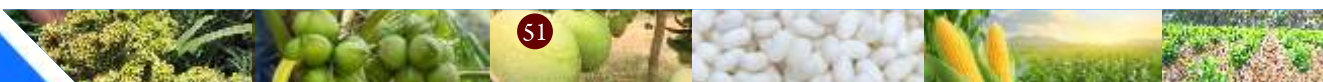
ICAR-KVK TUMKUR-II

Training Programme on Natural Farming at KVK, Hirehalli, Tumakuru

A Training Programme on Natural Farming was successfully conducted on the 18th and 19th of December, 2024, at ICAR-KVK, Hirehalli, Tumakuru. The event aimed to enhance farmers' knowledge of sustainable agricultural practices, emphasizing soil health, organic inputs, and natural pest management. Dr. Loganandhan N., Principal Scientist & Head, inaugurated the session and delivered a keynote address on the importance of adopting natural farming. He explained how sustainable practices contribute to improved soil fertility, reduced dependence on chemical inputs, and enhanced farm productivity. Technical Sessions: Mr. Ramesh P.R., SMS (Soil Science): Delivered an insightful lecture on the components of natural farming, highlighting soil microbial activity, nutrient recycling, and organic matter enhancement.

Mr. Prashanth J.M., SMS (Horticulture): Focused on the application of natural farming techniques in horticulture crops, emphasizing biodiversity conservation and the use of natural amendments. Mr. Ravish shared his real-world experience in natural farming, offering insights into the preparation and application of bio-formulations such as liquid manure and botanical pesticides. His presentation highlighted the benefits of natural inputs for improving soil fertility and plant health. Practical Demonstrations Hands-on training sessions were conducted to provide practical exposure to farmers on: Jeevamruta: A microbial culture that enriches soil fertility; Beejamruta: A seed treatment solution to boost germination and protect against pests; Agniastra: A natural pesticide for effective pest management.

Farm Visits & Exposure to KVK Instructional Farm: Participants visited: Vermicompost Unit, Cow Shed, Biodigester, Jeevamruta Unit, and Model Natural Farming Unit. Exposure Visit to APMAS NGO, Andhra Pradesh: As part of the programme, an exposure visit was organized to APMAS NGO in Madakasira Taluk, Sri Satya Sai District, Andhra Pradesh. Farmers toured natural farming fields in Bairapalli, Pojaripalli, and Gudubanda villages, interacting with local farmers practicing natural farming. The visit provided valuable real-world insights into sustainable farming techniques. The two-day training programme successfully imparted both theoretical and practical knowledge of natural farming techniques. Farmers gained hands-on experience in preparing and applying bio-formulations, witnessing their effectiveness in sustainable agriculture. The interactive sessions, demonstrations, and field visits encouraged participants to integrate natural farming methods into their farming systems, promoting eco-friendly and cost-effective agricultural practices.





ICAR-KVK UDUPI

Training program on Scientific Dairying

A one-day training program on Scientific Dairy Farming was organized by ICAR- Krishi Vigyana Kendra, Udupi, Brahmavara in association with ICAR-Central Coastal Agriculture Research Institute, Goa. The program was held on 10th January 2025 at the training hall of ICAR-KVK Udupi, Brahmavara. The Sudhir Kamath, Head, Grameen Krishi Mousam Seva, and former Principal of Diploma College of Agriculture, Brahmavara inaugurated the training. In his inaugural address he emphasized on the cost cutting in order to make dairying profitable. Dr. Shirish Narnaware, Senior Scientist (Animal Science) from ICAR-CCARI, Goa was a chief guest. He opined that integration of animal husbandry with agriculture makes farming more sustainable. Dr. Sreekanth, Senior Scientist, ICAR-CCARI, Goa, the coordinator of SCSP program introduced the importance of this training and scope of the ICAR-CCARI farmer outreach activities in the coastal zone. Dr. Sanjay Udarwar, Subject Matter Specialist (Animal Science), ICAR-KVK, Goa served as resource persons. Dr. Manjunath Adiga, Veterinary Officer from Dept of Animal Husbandry and Veterinary Services spoke on the scientific practices of dairy farming. Dr. Shivakumar from ICAR-KVK also served as resource person. Dr. Sadananda Acharya compered the program and thanked the gathering.





ICAR-KVK UTTARA KANNADA

Training program on Bivalve culture

Green Mussel (*Perna viridis*) culture is practiced on the coast of Udupi Dist., by fisherfolk on the fishing village estuarine area. A one day training program on bivalve culture was organized to educate the farmers in scientific practices involved in this farming in order to get higher and sustainable yield. The program was inaugurated by Dr. Shirish Narnaware, Senior Scientist and Head of the Animal Sciences Division, ICAR-CCARI, Goa. In his address he opined that local fishermen can benefit from technology of bivalve production in order to raise the socio economic situation of the locals. Dr. Sreekanth, Senior Scientist (Fisheries Science) served as resource persons. He detailed the various processes of scientific preparation of spat ropes for the culture of this bivalve. Dr. Sanjay udarwar, Subject Matter Specialist, ICAR-KVK, Goa was also present as guest. Dr. Sadananda Acharya compeered the program and rendered vote of thanks.



Mushroom Production and Value Addition

**Contributors: Dr. Vijayalaxmi S Nayak, SMS
(Home Science)**

Two day training program on Mushroom Production and Value Addition under SCSP-2024-25 was organized from 03-01-2025 to 04-01-2025 at KVK Uttara Kannada, Sirsi. The opening ceremony commenced with the formal procedure of lamp lighting and a welcome statement by Dr. Yashashwini Sharma Madam, Scientist (Horticulture). The Honorable Dean, Dr Vasudeva R, sir (COF, Sirsi) inaugurated the programme. The vocation was also graced by the presence of chief guest Smt. Leela Shetty, progressive farmer, Sri Manasvi Hegde, entrepreneur (Mushroom production), and Dr. Ranganatha G.J, Scientist (Veterinary). Theory and practical sessions covered oyster mushroom production, economic importance, nutritional and medicinal attributes, substrate selection, and sterilization, preparation of plastic bags, filling, inoculation, incubation, harvesting, post-harvest procedures and value addition. The trainees were taken to the progressive mushroom grower unit at Kere koppa. In the valedictory function, Senior Scientist and Head Dr. Roopa S. Patil emphasized the importance of adopting mushroom cultivation to boost their income. The trained participants expressed their interest in adopting mushroom production as an income source. The event ended with the distribution of certificates to the trainees.





Soil Health Camp

Contributors: Dr. Shwethakumari U , Subject Matter Specialist (Soil Science)

ICAR Krishi Vigyan Kendra, Uttara Kannada, Sirsi, Karnataka organized “Soil Health Camp” at Agera Colony, Hemmadi village (Yallapur taluk) on 03.01.2025 and at Hegde village (Kumta taluk) on 04.01.2025 under SCSP. Shri. B. C. Kolhar (Senior Technical Officer) briefed about the activities ongoing in KVK, UK, Sirsi. Dr. Shwethakumari U, Subject Matter Specialist (Soil Science) organized the programme and created awareness on importance of soil health, acidic soil management and efficient utilisation of on farm resources for improving crop productivity and income. She emphasized on use of organic manures and minimal use of chemicals in agriculture so that soil health can be achieved due to improvement in physical, chemical and biological properties of soil. Dr. Amith S Pujar Subject Matter Specialist (Agronomy) delivered a lecture on agronomic practices to conserve the soil fertility and productivity. Practical demonstration of soil sample collection procedure was informed to the farmers. Total 101 farmer / farm women were actively participated in both the event.



ICAR-KVK VIJAYAPURA-I

Krishi mela at KVK Vijayapura

Krishi mela was organised in KVK Vijayapura campus in collaboration with RARS and AC, Vijayapura & Department of Agriculture. Two hundred stall erected. The Krishi mela was inaugurated by Honble Minister for Small and big industries Dr.M.B.Patil spoke about importance of water management and crops for sustainability and how irrigation affects horticulture crops. Dr. Shivanand Patil, Minister for Co-operative, Sugarcane development released two booklets of KVK on Grape and Pigeonpea production technology respectively our Honble Vice-Chancellor Dr.P.L.Patil welcomed the guests and requested more funds for development. During closing on 13th join Shri. Ashok Dalawai, President of Agriculture Produce price fixation committee Shri.Hanamanth Nirani , MLC Vijayapura spoke about sugar industries development and a budget 1 lak crore. The Krishi Mela ended with vote of thanks Dr.R.B.Belli, ADE, Vijayapura.



ICAR - KVK Ramanagara Activities





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