

A Window to KVKs of ICAR - ATARI, Zone - XI

KVK Times

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പെരുവണ്ണാമുഴി

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KVK TIMES
A window to KVKs
of ICAR - ATARI
Bengaluru



Published by

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With the Guidance of

ICAR-ATARI, Zone XI, Bengaluru

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Among the various Extension Agencies, Krishi Vigyan Kendras are effectively 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 monthly 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, IISR, Kozhikode is bringing up the second issue of third volume of KVK TIMES covering the August month of 2025. I congratulate the KVK fraternity of Zone XI specially Dr. P. Ratha Krishnan, Principal Scientist and Head and his team of KVK, Kozhikode for bringing out this unique edition of KVK Times with a seal of excellence and involvement.


 (V. Venkatasubramanian)

Bengaluru
 12.9.2025



Message

India is the global leader in spice production, consumption, and export and is renowned for its wide variety and superior quality spices. Spices contribute substantially to agricultural income, foreign exchange, and rural employment and are highly prized worldwide for their flavour, aroma, and medicinal properties. ICAR-Indian Institute of Spices Research (IISR), Kozhikode, is at the forefront of spice research and development in the world and has significantly contributed to spice production by equipping farmers with advanced technologies and high-yielding varieties. The institute has also successfully commercialized several spice varieties and technologies through licensing to various companies, FPOs, farmer groups and is the first to host the online portal (www.spiisry.in) for procurement and sale of spices and other related agricultural products.

Krishi Vigyan Kendras are the grassroots level institutions of the ICAR that play a crucial role in bridging the gap between agricultural research and farmers. The KVKs are responsible for transferring the latest agricultural technologies developed by research institutions and universities to farmers in a practical and location-specific manner. Our KVK, Kozhikode is working for the betterment of farmers since 1992 and is recognised as one of the best KVKs at zonal level. The Kendra specializes in boosting farmers' incomes through its flagship programmes like bush pepper cultivation, mushroom farming, beekeeping, ornamental fish culture, backyard poultry rearing, value addition of fruits etc. The Kendra is also producing quality planting materials of spices and fruit plants, bio-control agents, layer chicks, ornamental fishes, processed items, etc. The Kendra's impact is clearly evident by the numerous awards won by its adopted farmers at district, state, and national levels.

The publication of 'KVK Times' by ATARI, Bengaluru, is a commendable initiative to document and showcase the exceptional work of KVKs of Zone XI. This platform effectively highlights the potential of KVK system as a leading extension agency. I am deeply indebted to the Director, ICAR-ATARI, Zone- XI, Bengaluru for his unequivocal support and congratulate the KVK Head and team for producing such an informative issue by collating inputs from all the 44 KVKs of this Zone.


Dr. R. Dinesh
 Director
 ICAR-IISR, Kozhikode



Acknowledgement

It gives me extremely proud and privilege to be entrusted with the responsibility to compile and edit the KVK times Vol – 3, Issue no: 2 covering the period August, 2025. I express my sincere gratitude to Dr. V. Venkatasubramanian, Director, ATARI for his guidance and encouragement and Dr. Chandre Gowda, Nodal & Principal scientist and all staff of ICAR-ATARI, Zone-XI, Bengaluru for providing us a great opportunity to bring this issue with contribution of all KVKs of this Zone.

It is also my pleasure to express deepest sense of gratitude and heartfelt thanks to Dr. R. Dinesh, Director, ICAR- IISR, Kozhikode for the support and care. I am also obliged to Dr. Binoo P Bonny, Director of Extension, KAU for her keen interest and their association and contributions. Indeed, it is a memorable period which made all our KVK staff involvement and collect information from all the KVKs located in Kerala, Karnataka and Lakshadweep. This task made opportunity for cross learning and exposed us to the activities of other KVKs. This compilation contains seasonal field activities of KVKs in Zone XI. Proud to make a compendium for reference with contributions from all the KVKs of this zone. I also wish to thank all my fellow colleagues of KVK family, Zone-XI for sharing the valuable information in time. My heartfelt thanks to my entire team of ICAR - Krishi Vigyan Kendra, Indian Institute of Spices Research, Kozhikode for their continual support and valuable time to collect, compile and draft this Magazine effectively. The efforts of collection and editing by Dr B. Pradeep, SMS (Fisheries) and Mr. C.K. Jayakumar, PA (Computer) of this Kendra reserves special thanks.

P. Ratha Krishnan

(P. Ratha Krishnan)

Principal Scientist & Head
Krishi Vigyan Kendra, IISR, Kozhikode)

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KVK Kozhikode Celebrates 50 Glorious Years of ICAR- IISR & KVK System

KVK Kozhikode celebrated the golden Jubilee of its host Institute, ICAR – Indian Institute of Spices Research, Kozhikode and KVK system by organizing various programmes. The formal inauguration of Golden Jubilee Celebration of ICAR-IISR and KVKs was held at IISR on 04.09.2024 during the Zonal Workshop of KVKs. In this function a video CD containing success stories of 51 DFI fellow farmers of KVK - IISR was released. During the programme a Spice Yathra was also envisaged to cover all areas in Kozhikode district to popularize technologies of ICAR – IISR. This Golden Jubilee yathra of ICAR - IISR to narrate its 50 years of successful journey was flagged off by Director, ICAR-IISR on 29.05.25. A LED van was used to showcase IISR technologies in all major crowd gathering areas in Kozhikode city. Planting materials and technological inputs were also distributed to farmers during the yathra. The programme was organised along with VKSA - Pre Kharif campaign which covered 12 blocks and all panchayats of Kozhikode district from 29th May to 12 June 2025. KVK also organized various trainings and awareness programmes to popularize the technologies released by the Institute during the yearlong celebration.

KVK also celebrated the 50 years of establishment and existence of KVK system in the country by receiving the golden jubilee torch which being moved from KVKs of Kerala and Karnataka under ZONE- XI (ATARI), and reached KVK, Kozhikode on 11.07.2024. The torch was handed over by Dr Deepa S, Head, KVK, Waynad and was received by Dr P. Rathakrishnan, Head KVK, Peruvannamuzhi. During the event along with the staff of KVK and IISR, the progressive and award-winning farmers namely Mr. K T Francis, Mrs. Shylamma and several DFI farmers also participated. In continuation of the mega celebration, trainings on mushroom cultivation, garment making, banana fibre extraction, ornamental fish culture and plant propagation were conducted for the benefit of farmers during the period when the torch was retained at KVK. Further the torch has been handed over to KVK Kannur on 18.07.2024 in a befitting manner.



SCSP programmes

A wide range of programmes were taken up for upliftment of the SC community using the fund of ICAR-IISR and ATARI. This included distribution of literatures / newspapers, cycles to SC beneficiaries as per request from schools which had mainly SC students. Training, awareness programme on natural farming, millets were organized for SC individuals. In a separate programme chick cage and chicks were distributed to SC individuals. In fisheries science nine backyard ornamental fish units were established. In horticulture discipline planting materials of fruit plants, plantation crops, vegetable seed kits containing seeds, bio control agents, micro nutrient mixtures etc. were given to 100 farmers of Koothali and Perambagrama panchayats. Nine EL lights for repelling wild animals were distributed to farmers at Kothode. Apart from this solar street lights were installed in SC populated areas at Kothode, Changaroth, Perambra and Pannikkottur villages. Under NICRA SCSP programmes six Mellipona bee colonies and six Indian bee colonies were given to SC farmers at Maruthonkara.



Peppering Up Homesteads: KVK Kozhikodes's Bush Pepper Initiative

Black pepper, the "King of spices" is a major spice crop cultivated in Kozhikode district. Traditionally cultivated as an intercrop in coconut and arecanut plantations or as a pure crop on various tree standards, its cultivation has been a mainstay for local farmers. Recognizing the space constraints faced by urban and semi-urban dwellers, KVK, IISR, Kozhikode has spearheaded a transformative initiative: promoting bush pepper cultivation. By cultivating pepper in pots without the need for support trees, this innovative approach empowers individuals to harness the potential of this valuable spice even in limited spaces. Through comprehensive training and practical demonstrations, KVK has been at the forefront of fostering black pepper production during the last several years.

To boost awareness and adoption of bush pepper cultivation in Kozhikode and its neighbouring districts, KVK organized 32 comprehensive training programs between 2015 and 2025, reaching 1077 farmers. These programs were conducted both on and off-campus to maximize accessibility. Recognizing the burgeoning demand, KVK also ventured into the production and sale of bush pepper plants. A remarkable 36,982 plants were distributed to 8745 farmers, primarily for home gardens. Furthermore, KVK actively promoted potted bush pepper cultivation across various panchayats in the region by providing plants through Krishi Bhavan.

The impact of KVK's training programs is evident in the establishment of approximately 30 nurseries by former trainees. These nurseries generate substantial income, ranging from Rs. 10,000 to a remarkable Rs. 15 lakhs annually. Bush pepper cultivation has flourished in several panchayats across Kozhikode and Malappuram districts, including Velam, Unnikulam, Changaroth, Kayakkodi, Kakkodi, Muthuvalloor, Ponnani, Nediyruppu, Cherukavu, Kondotty etc.. A significant advantage of this method is its early yield; plants begin producing within six months of cultivation. Mature eight to ten-year-old potted plants can yield an impressive 4 to 4.5 kg of green pepper per year. Bush pepper cultivation emerges as a compelling solution for black pepper production, especially in areas with limited land resources. The technology's rapid proliferation in Kozhikode and surrounding areas is a testament to its success. KVK continues to play a vital role in supporting this initiative through training, demonstrations, and plant production.



Major Demonstration Units in KVK, Kozhikode



Nursery Unit and Sales Counter



Poly-house Nursery of Black Pepper



Bushpepper Nursery



Dairy Unit



Ornamental Fish Sales Counter



Mushroom Spawn Production Unit



SCSP Custom Hiring Centre



KVK Custom Hiring Centre



Homestead Garden

1 ICAR-KVK-ALAPPUZHA

ICAR Foundation Day celebrated

KVK-Alappuzha celebrated the 97th ICAR Foundation Day along with ICAR-CPCRI, Regional Station, Kayamkulam on 16th July 2025 with different activities. Dr. Alex P. James, Dean, Digital University of Kerala, Trivandrum was the Chief Guest and Mr. Unni Sankar, General Manager, Technology Excellence Group, QUEST Global, Trivandrum, was the Guest of Honour for the function. In the thematic seminar on ‘Connecting Frontier Technologies to Gen-Next’ organized for college students, Dr. Alex P. James delivered the keynote address on ‘Revolutionizing the Agricultural Sector: Drones, Sensors, and Robotics.’ and Mr. Unni Sankar delivered a talk on ‘Deep Tech Disruption: Are You Ready?’ Dr. A. Joseph Rajkumar, Pr. Scientist presented the technology snippets highlighting the latest technologies developed from ICAR-CPCRI Regional Station, Kayamkulam. KVK-Alappuzha newsletter (April-June, 25) and the *Kalpa Anastatus* egg card for the management of coreid bugs were released during the function. Dr. Regi Jacob Thomas, Head, RS, Dr. P. Anithakumari, Pr. Scientist, Dr. P. Muralidharan, Head, KVK, Dr. S. Jyothilekshmi, Asst. Professor, ORARS-Kayamkulam, KAU and Dr. A. Abdul Haris, Pr. Scientist addressed the gathering. A quiz contest on the topic ‘ICAR & Indian Agriculture’ lead by Dr. T. Sivakumar, SMS, KVK-Alappuzha and an elocution competition on the theme ‘Digital Revolution in Agriculture’ were conducted for the student participants. More than 100 students from 23 colleges participated in the event in addition to the staff members.



Farm machineries for the custom hiring centre handed over

As part of the custom hiring centre initiative under the NICRA project implemented by the KVK in Edathua panchayath of Kuttanad, a Power Tiller, a Multipurpose Air Dryer and two Brush cutters were handed over to four selected beneficiaries. The handing over function organized at Edathua Panchayath Library Hall was attended by Smt. Ancy Bijoy, Panchayath President, Smt. Reshma Johnson, Panchayath Vice President, Shri. G. Jayachandran (Chairman, Development standing committee), Shri. P. C. Joseph (Chairman, Health and Education standing committee), Smt. Starley Joseph (Chairperson, Welfare standing committee), and Smt. Deepa Gopakumar (Ward Member) from the LSG side and Dr. S. Ravi, Dr. K. Sajnanath and Shri. Anju Sathyan S from the KVK side. While addressing the audience, the panchayath president remarked that the previously distributed machineries including the Portable egg incubator, Brush cutter and Garden tiller under the project are functioning effectively and was highly beneficial to the farmers. The programme, attended by VCRMC committee members and farmers, discussed the ongoing efforts to enhance the farm mechanization, improve efficiency and promote climate resilient farming practices through grassroots level interventions by the KVK. Individuals started providing custom hiring service to farmers / entrepreneurs with the farm machineries handed over to them. The activities are being monitored by the VCRMC members.



KVK trained entrepreneurs won laurels on Farmers' Day in Kerala

Many women entrepreneurs, who were trained in the KVK on processing and value addition of different agricultural produce, won laurels and were honoured by Dept. of Agriculture and LSGs on the occasion of Farmers' Day celebrated in Kerala on Chingam1, the first day of the Malayalam calendar. These entrepreneurs have established processing/value addition enterprises in their respective locations after undergoing hands-on/vocational trainings in the KVK, initially utilizing the facilities in the KVK for preparation of their products and enjoying hand holding by the KVK. A brief list of some of them is given below.

Name and location	Honoured by	Activities/Products
Smt. Viji Gopal, Sree Bhavan, Kalavoor, Alappuzha	Mararikkulam South Krishi Bhavan Alappuzha district	Running own enterprise 'AVS Naturals' based on millets, bamboo rice, and fruit and vegetables. Millet porridge mix, Payasam mix, Bamboo vita, health mix, pickles and squash
Susan V Varghese Thaiparambil HouseKappil East, Krishnapuram	Krishnapuram Krishi Bhavan, Alappuzha district	Running a JLG (Five Star Sisters) for curry powder and coconut oil production - Coconut oil, virgin coconut oil, curry powders, Spice powder, Multipurpose rice powder, millet products etc.
Anie Mammen Koipply house Karippuzha P O Mavelikkara	Chettikulangara, Krishi Bhavan, Alappuzha district	Paddy cultivation, Coconut products, FPO activities
Seenath Naseer Ellikkal Comlex Pathadippalam Kalamassery, Kochi	Kalamassery Municipality Krishi Bhavan, Ernakulam district	'Urban tasty' brand products - Coconut oil, Spice powder, Multipurpose rice powder, millet products, squash, health mix, health drink, Jackfruit powder etc.
Usha S Nandanam house Vallapuzha Nilambur, Malappuram	Nilambur Municipality Krishibhavan, Malappuram district	Value added products of millets
Smt.Vani. V Palakkulangara Danappady, Harippad, Alappuzha district	Dept. of Agriculture, Govt. of Kerala 'Karshaka Thilakom' for the best women farmer and entrepreneur	Farming activities, Agri-preneurship Value added products based on millets, banana, spices, rice, coconut, vegetables



2 ICAR- KVK BAGALKOTE

Rangoli and Cooking Without Fire Competitions at Gaddanakeri

On 30th July 2025, Krishi Vigyan Kendra, Bagalkotee organized Rangoli and Cooking Without Fire competitions at Gaddanakeri village as part of Dharwad Krishi Mela outreach activities. The programme also included off-campus training on preparation of locally available nutritive foods for farm women and adolescent girls, aimed at enhancing awareness on nutrition, health, and traditional knowledge organized by Dr. Ramitha B E, SMS(Home Science). Women from various SHGs actively participated, presenting innovative and healthy dishes using local ingredients. The judges for the event included the Panchayat PDO, High School Headmistress, NRLM District Supervisor and KVK scientists. Judging was carried out based on creativity, presentation, nutritive value, hygiene, and overall presentability.



PM-Kisan Samman Nidhi – 20th Installment Live Telecast Programme:

On 2nd August 2025, ICAR-KVK Bagalkotee in collaboration with the Department of Agriculture, Bagalkotee, organized a day-long programme at the KVK campus. The programme began with welcome address by Shri R.R. Roodagi, Deputy Director, Department of Agriculture, Bagalkotee. The event was graced by the presence of distinguished guests:

- Shri P.C. Gaddigoudar, Hon'ble Member of Parliament, Lok Sabha, Bagalkotee
- Shri Narayansab Bandage, Hon'ble Member of Parliament, Rajya Sabha, Bagalkotee
- Shri P.H. Pujar, Hon'ble Member, Vidhana Parishad
- Shri Mahantesh Hatti, President, Zilla Krushika Samaja, Bagalkotee
- Dr. Venkatasalu, Director of Extension, University of Horticultural Sciences, Bagalkotee
- Shri Ravindra Hakati, Deputy Director, Department of Horticulture

As part of the programme, farmers witnessed the live telecast of Hon'ble Prime Minister Shri Narendra Modi ji's address on the release of the 20th installment of PM-Kisan Samman Nidhi. Around 200 farmers and farm women participated in the programme. The dignitaries addressed the gathering and emphasized the significance of PM-Kisan in strengthening farmer welfare. The programme was anchored by Dr. Ramitha B.E., SMS (Home Science), KVK Bagalkotee. Following the live telecast, a Greengram Field Day was organized to demonstrate improved cultivation practices, varietal performance, and crop management techniques. Farmers interacted with scientists and gained practical insights into productivity enhancement. Later, in association with IFFCO, a Drone Demonstration was conducted highlighting the role of drones in spraying fertilizers and pesticides. Farmers appreciated the efficiency, accuracy, and time-saving aspects of drone-based agriculture. The trainees who had passed 21 days training on mushroom cultivation by ASCI were distributed certificates

by dignitaries. The programme concluded with a vote of thanks by Dr. S.C. Angadi, Senior Scientist & Head, KVK Bagalkotee. This integrated event successfully combined a national-level farmers' welfare programme with on-field demonstrations and advanced technology dissemination, benefitting farmers of Bagalkotee district.



Input Distribution under TSP Programme

Under the Tribal Sub Plan (TSP) programme, inputs were distributed to 10 Scheduled Tribe sheep and goat farmers for the implementation of a Frontline Demonstration (FLD) on Integrated Health Management in sheep and goats by Dr. Venkanna Balaganur, Animal Scientist, KVK Bagalkotee. The initiative aimed at improving livestock health, reducing mortality, and enhancing productivity through better management practices.

Parthenium Eradication Week

Krishi Vigyan Kendra, Bagalkotee observed Parthenium Eradication Week on its campus. All KVK staff actively participated in uprooting Parthenium weeds from the premises. The activity aimed at maintaining a clean and safe environment and creating awareness on the harmful effects of Parthenium on human health, livestock, crop productivity, and biodiversity. Staff were also sensitized to adopt eco-friendly management practices for sustainable control of this invasive weed.



Publicity for Dharwad Krishi Mela

KVK Bagalkote team initiated publicity activities for the upcoming Dharwad Krishi Mela by distributing posters across various village panchayats of Bagalkote district. The campaign aimed to create awareness among farmers and rural communities about the mela's exhibitions, technical sessions, demonstrations, and opportunities for knowledge exchange. Farmers were encouraged to participate actively and benefit from the event.



Participation in Soil and Water Conservation Programme

Dr. Gurudath Hegade, Senior Scientist and Head, KVK Bagalkote, participated as Chief Guest in the Soil and Water Conservation Programme jointly organized by University of Horticultural Sciences, Bagalkote (UHBS) and WALMI, Dharwad on 31st August 2025. The programme focused on sustainable land use practices, soil health improvement, and water management strategies for enhanced farm productivity.



3 ICAR-KVK, BALLARI

Live Streaming Programme on 20th Installment Release under PM-KISAN Scheme at Hagari, Ballari

The ICAR-Krishi Vigyan Kendra, Hagari, Ballari organized the live streaming of the release of the 20th installment of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme on 2nd August 2025. The event was held as part of the nationwide initiative, during which the Hon'ble Prime Minister of India, Shri Narendra Modi, addressed farmers across the country.

A total of 322 farmers and farm women participated in the live streaming session conducted at the KVK premises. Following the Prime Minister's address, Dr. Palaiah P., Senior Scientist and Head of KVK Hagari, briefed the farmers on the objectives, provisions, and benefits of the PM-KISAN scheme, emphasizing its role in supporting the livelihood of small and marginal farmers.

Dr. Ravi S., Scientist (Soil Science) explained that the PM-KISAN Samman Nidhi scheme is immensely beneficial for small and marginal farmers, helping them purchase timely farm inputs and adopt new technologies.

Dr. Naveen Kumar P., Scientist (Agricultural Extension) highlighted the significant potential of Indian agriculture towards the global market. He emphasized the need for enhanced scientific cultivation, recommended crop production technologies, value addition and marketing of the farmers products, noting that the technologies developed by ICAR and SAUs will play a crucial role in advancing these efforts.

Dr. Rajeswari R., Scientist (Home Scientist) has organized the programme and during her introductory remarks she explained the objective of this programme, how PM Kissan helped the farmers to meet their agricultural requirements during the season.

The event was inaugurated by Shri, Manajuanth Deputy Director of Agriculture, Ballari who highlighted the importance of the PM-KISAN scheme in providing essential support to farmers and ensuring financial stability in agriculture.

The programme concluded with an interactive session, where queries from farmers regarding the scheme were addressed by officials.



4 ICAR-KVK, BELAGAVI - 1

Organized training programme on National Mission on Edible Oils-Oil Seed (NMEO-OS)

Maruti N. Malawadi, Scientist Agronomy, ICRA BIRDS KVK Tukkanatti, Belagavi-1

Considering the growing domestic demand for edible oils, the staggering deficiency and the cost to the exchequer on account of imports, the urgency of scaling up the oil seed area is of National interest and does not need any over emphasis. Therefore, to fulfill the National interest, National Mission on Edible Oils - Oil Seed (NMEO-OS) is approved with the aim to enhance the edible oilseeds production and oils availability in the country by harnessing Oil Seed area expansion, increasing CPO production and to reduce import burden on edible oils. It will focus on increasing edible oil production from Oil Seed. The State Department of Agriculture, ICAR-Institutions, KVKs, Central Agencies/Cooperatives, Oil palm processors/ Associations, DD Kisan, AIR, DD, TV channels will be the implementing stake holders of the NMEO-Oil Seed.

Groundnut training programmes are being conducted in Karnataka under the National Mission on Edible Oils Oil Seeds (NMEO-OS) to enhance oilseed production and promote self-sufficiency. NMEO OS training sessions, were started the BIRDS Krishi Vigyan Kendra Tukkanatti -Belagavi-1 on 08/07/2025 and completed 51 batches on 29/08//2025. Training programme organized at ICAR BIRDS Krishi Vigyan Kendra Tukkanatti -Belagavi-1. NMEO OS training programme allotted to Athani, Chikkodi and Hukkeri three taluks of Belagavi district in Karanataka State. KVK organized 51 training programmes each batch having 40 farmers and farm women were attended and too ked benefits of the NMEO OS training programme. Training equip farmers with sustainable techniques for pest management, including Integrated Pest Management (IPM), providing good agricultural practices, and offering expert advisory services on weather and pest management to farmers in selected value-chain clusters to improve groundnut cultivation. Additionally, block-level demonstrations and visited the demonstration plots and suggested need based information to farming communities.

Objectives of NMEO-OS for Groundnut:

- To increase the production and productivity of groundnut and other key oilseed crops.
- To achieve self-sufficiency in edible oil production within the district and state
- To introduce farmers to the latest production technologies in oilseed crops.



NMEO OS training programme organized by ICAR BIRDS KVK Tukkanatti Belagavi-1



ICAR BIRDS KVK Tukkanatti Belagavi-1 organized 51 training programmes on ICM in Groundnut

5 ICAR-KVK, BELAGAVI - 2

Valedictory of RAWE, DAESI and inauguration of new DAESI batch

Dr. P.L. Patil, Hon’ble Vice-Chancellor, UAS, Dharwad inaugurated the ‘Krishi Utsav’ organized by final year students of B.Sc (Agri) under Rural Agricultural Work Experience (RAWE) programme. Speaking on the occasion, he requested to students to interact with farmers in the light of knowledge gained on different subjects of agriculture. The country is importing oil seeds from different countries which is an exchequer on government economy. He urged the farmers to adopt new farming practices to get higher yields of oil seeds under National Mission on Edible Oils – OS. Shri Mahantesh Kavatagimath, Former Chief-Whip in the Karnataka Legislative Council & Director, KLE Society, Belagavi appreciated the exhibitions organized at KVK Campus, Mattikopp. Speaking on the occasion he requested the fellow farmers to make use of programmes like PMFME, PMKSY and NMEO. He also requested the Scientists to come out with solution for development of saline soils in Belagavi district with excessive irrigation. Natural farming and organic farming approaches in soybean cultivation are to be popularized-he added. Dr. V.R. Kiresur, Director of Education, UAS, Dharwad requested the students to be the part of extension mechanism and learn the techniques of transfer of technology (ToT) through KVK. Dr. M.V. Manjunath, Director of Extension, UAS, Dharwad requested the graduating DAESI Diploma holders to act as para extension workers and raised to the cause of farming community apart from profit motto. Dr. S.N. Jadhav, Professor & DAESI Co-ordinator, UAS, Dharwad gave oath ceremony. Dr. Manjunath Chouraddi, Senior Scientist & Head offered welcome remarks and briefed the achievement of KVK under CCINM, DAESI, PMFME, PMKSY and other similar flagship programmes. On this occasion new DAESI programme was inaugurated while the DAESI graduates completing the course were distributed with certificates. Oath taking ceremony of CCINM candidates was conducted by S.M. Warad. The function ended with vote of thanks by Abhishek Chouhan, a student of RAWE. Dr. S.S. Hiremath, S.M. Warad, Praveen Yadahalli, Shankargouda Patil and Vinoda Kochi interacted with farmers on various issues pertaining to *kharif* season.



PM – Kisan Samman Nidhi

The PM–Kisan Samman Nidhi programme was organized at KVK, Belagavi-II on 02.08.2025 at 10.00 am in open auditorium of the institute. Before the onset of the programme the farmers, farmwomen, students and other stakeholder partners took part in on National Mission on Edible Oils – (NMEO-OS). There was a detailed discussion on different oil seeds of the district, their pest and diseases, nutrient management and supplementary nutrition through foliar application. As a part of the programme, Mr. C.I. Hoogar, Asst. Director of Agriculture (SMS), Directorate of Agriculture, Belagavi gave a detailed account on integrated farming system, approaches and handling of systems. He briefed about, how the systems such as animal husbandry, poultry, piggery, goatery, rabbitary and fisheries are supplementary and complimentary to each other in conserving energy flow of a farm. S.M. Warad, Scientist (Soil science) gave an account of National Mission on Natural Farming (NMNF) and the uses of soil, water and plant testing. G.B. Vishwanath, Scientist (Agronomy) presented

the management of soybean, groundnut, sunflower and other oil seeds of the district. Dr. S.S. Hiremath, Scientist (Plant Protection) discussed about mass production of bio-agents at farmers level. Praveen Yadahalli, Scientist (Horticulture) briefed about PM Vishwakarma programme and gave an account of 'Malakar' programme. Dr. Narayan Moger, Professor & Head, (Fisheries) IABT, UAS, Dharwad thrown light on inland fisheries. Value addition to vermicomposting, enrichment of vermicompost with neem cake, *metarhizium*, *trichoderma* can enhance the value of the finished product. Mobile vermin-beds were distributed to NMNF practicing farmers for mass production of vermicompost. Dr. Manjunath Chouraddi, Senior Scientist & Head gave his presidential remarks and deliberated on the eco-friendly approaches for the management of whitegrub in sugarcane ecosystem. The facilities available in KVK and SWTL, Seed Hub, automatic fertigator unit, plant health clinic can be used by farming community. The students of UAS, Dharwad who are on RAWE also participated in the programme. There was a live telecasting of PM-Kisan Samman Nidhi programme from Varanasi, Uttar Pradesh was arranged for the benefit of farmers. Around 320 farmer, farmwomen, students and other stakeholders, Krishi Sakhi's were present in the programme.



Memorandum of Understanding (MoU) was signed between KVK and M/s Mehraj Agrotech

ICAR-KLE Krishi Vigyan Kendra (KVK), Mattikopp has started Incubation Centre dedicated to the production of quality agricultural inputs such as bio-fertilisers, bio-pesticides, and bio-fungicides, aimed at meeting the increasing demand in Belagavi district. On 16th August 2025, a Memorandum of Understanding (MoU) was signed between ICAR-KLE KVK, Mattikopp and M/s Mehraj Agrotech to initiate collaborative activities under the incubation programme. The MoU signing ceremony took place in the presence of Dr. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru, with Shri. B.R. Patil, Chairman, KLE KVK leading the initiative.



FLD on Onion Bhima Super field visit

KVK, Belagavi-2: Praveen Yadahalli, Scientist (Horticulture) and S.M. Warad, Scientist (Soil Science) visited the Onion (Bhima Super) demonstration plot under the SCSP programme. Farmers were guided on application of top-dressing fertilizers to improve crop growth and yield. Fungicide and insecticide sprays for effective management of tip burning problem observed in the field.



Latitude: 16.032297
Longitude: 75.390738
Altitude: 571.76±6.03 m
Accuracy: 7.5 m
Time: 22-08-2025 14:40
Note: Bhima Super. onion scsp

Powered by NotCam

Off Campus Training

Off-campus training programme on ‘Integrated Crop Management in Onion’ was organized at Channapur DLT, Ramdurg Taluk. Praveen Yadahalli, Scientist (Horticulture) delivered a session on varietal characteristics of Onion variety Bhima Super and provided technical guidance on management practices for tip burn in onion. S.M. Warad, Scientist (Soil Science) explained the fertilizer requirement of onion crop based on soil test data collected from the village under the programme. The training helped farmers to understand balanced nutrient management, varietal advantages and plant protection measures for better onion cultivation.



Latitude: 16.047257
Longitude: 75.378974
Elevation: 653.52±5.6 m
Accuracy: 36.26 m
Time: 22-08-2025 13:01
Note: Onion training channapur

Powered by NotCam



6 ICAR-KVK, BENGALURU RURAL

Live telecast programme of PM Kisan Samman Nidhi 20th Installment release programme

ICAR – Krishi Vigyan Kendra, Bengaluru Rural District organized the live telecast programme of PM Kisan Samman Nidhi 20th installment released by Sri Narendra Modi, Hon’ble Prime Minister, Govt. of India at Varansi, Uttara Pradesh on 02.08.2025. The stage programme was inaugurated by the dignitaries with the lighting the lamp. Sri V. Somanna, Hon’ble Union Minister of Railways has briefed about the release of 20th installment of the PM Kisan Samman Nidhi Yojana by transferring an amount of Rs. 877 crores to the 43,28,905 farmers by the Honorable Prime Minister Narendra Modi at Varanasi, Uttar Pradesh. This financial assistance helps the farmers to take up agricultural operations including buying of critical inputs on-time. The Minister also promised for the construction of bridge to the path that connects KVK Hadonahalli. Sri K. H. Muniyappa, Hon’ble Minister of Food and Civil supplies and Consumer Affairs, Govt. of Karnataka in his address to the gathering appealed the central Jalashakthi Minister to take up the lift irrigation projectis to connect the rivers and fill the tanks of Bengaluru Rural District for agriculture and drinking water purpose. Dr. S.V. Suresha, Hob’ble Vice chancellor in his speech appraised about the PM Kisan Samman Nidhi and appealed the farmers to take up timely agricultural operations by taking advice from the scientists of KVK and get better yield and returns.

The programme was graced with the presence of Dr. Sudhakar, Hon’ble Member of Parliament, Sri Dheeraj Muniraju, MLA, Doddaballapura Constituency, Dr. Y.N. Shivalingaiah, Director of Extension of University of Agricultural Sciences, Bangalore, Dr. M.J. Chandregowda, Principal Scientist, ATARI, Bengaluru, Smt. Kalavathi, Joint Director of Agriculture and other officials of Line Departments.

As a part of the programme an agriculture exhibition was organized, about 30 stalls were given information on agriculture, horticulture, sericulture and allied sectors. The programme was watched by the more than 1100 farmers, farm women, seed company representatives, SHG members and Rural youths.



Inauguration of PM Kisan live telecast programme



Celebration of World Breast Feeding Week

The ICAR – Krishi Vigyan Kendra, Bengaluru Rural District has organized ‘World Breast feeding Week’ at Lakshmidvipura village of Doddaballapura taluk on 18.08.2025, Dr. Gopika, C. Muttagi, Home Scientist explained about the programmes that, the day is being celebrated every year in the first week of August, championed by WHO, around the globe. It’s a time to recognize breastfeeding as a powerful foundation for lifelong health, development, and equity. The World Breast feeding Week will shine a particular spotlight on the ongoing support to women and babies need from the healthcare system through their breastfeeding journey. This means ensuring every mother has access to the support and information she needs to breastfeed as long as she wishes. Breastfeeding delivers a hopeful future not only for children, but for societies. It reduces healthcare costs, boosts cognitive development, strengthens economies, and sets children up with healthy beginnings.

Totally 25 participants including Anganawadi teachers, lactating mothers and pre-school children were participated in the programme.



Celebration of Parthenium Awareness Programme

Parthenium is a very destructive weed, which is found in both cropped and non-cropped areas throughout the year. The gradual invasion of Parthenium in all parts of the country is a matter of concern. This weed Parthenium not only damages crops, but also poses a serious threat to human and animal health. Therefore, Parthenium Awareness Week was organized throughout the country during August 3rd week. ICAR-KVK, Bengaluru Rural organized awareness programme from 16.08.2025 to 22.08.2025 at various places to create the awareness on parthenium. As part of this programme, awareness was created at SC-SP adopted village Hiremuddenhalli on 19.08.2025 and 27 farmers participated in the programme. On 20.08.2025 parthenium awareness programme was organised at Vaddarahalli village, school children were educated on ill effects of the Parthenium and the Parthenium weed in the school premises were removed as part of the awareness week about 21 farmers and school children were participated. During the third day on 21.08.2025, weed eradication program was organized in the premises of Krishi Vigyan Kendra. In this program, the KVK scientists, Dr. J. Venkate Gowda, Scientist (Agronomy) educated the participants about Parthenium and its ill effects. Dr. Y.M. Gopal, Scientist (Agricultural extension) explained about compost preparation by using parthenium and their use as manure. 52 farmers/farmer women, DAESI students and staff of the ICAR-KVK, Hadonahalli were participated in this programme. Parthenium weed in the KVK premises were removed as part of the programme.



On 22.08.2025, Parthenium eradication programme was organised at KVK adopted village Hosahalli and about 24 farmers participated in the programme. Farmers of the adopted village were educated regarding the ill effects of Parthenium. As part of the programme, the Parthenium weed was removed from the premises of the school.

ICAR-KVK Bidar Bridges Lab to Land Through CFLD Oilseeds Programme

ICAR-Krishi Vigyan Kendra (KVK), Bidar, successfully conducted an off-campus training programme under the Cluster Frontline Demonstrations (CFLD) on oilseeds at Hokrana village on 12th August 2025. The training focused on *Integrated Crop Management (ICM) practices in soybean and other major oilseed crops*, with the active participation of around 80 to 100 farmers and farm women from the village and nearby areas.

The programme was presided over by Dr. Barikara Umesh, Senior Scientist & Head, ICAR-KVK Bidar, who, in his presidential remarks, highlighted the importance of adopting improved crop varieties and modern production technologies developed by agricultural universities and research institutes. He also stressed the need for farmers to embrace post-harvest technologies to reduce losses, improve quality, and enhance market value. He further encouraged farm families to stay updated with innovative practices to increase productivity and profitability in oilseed cultivation.

The programme also featured an insightful technical session by Dr. Mallikarjun Kenganal, Senior Scientist from ZARS, Kalaburagi, who participated as the Chief Guest. He delivered a comprehensive lecture on seed treatment, pest and disease control, and weed management, and concluding with harvesting and post-harvest handling in oilseed crops. His detailed talk provided farmers with a complete package of practices for maximizing yields in soybean and other oilseeds.

The farmers and farm women who attended expressed keen interest in learning about improved techniques such as use of bio-fertilizers, integrated nutrient management, and eco-friendly pest control measures. The interactive sessions also allowed participants to clarify field-level challenges they face in soybean cultivation.

By taking science directly to the farmer's doorstep, ICAR-KVK Bidar continues to empower the farming community with knowledge, skills, and confidence to improve oilseed productivity. The event at Hokrana concluded with an assurance from KVK scientists to provide continuous technical support and follow-up for successful adoption of the discussed technologies.



Farmers of Bidar join nation in PM-Kisan Live Telecast at ICAR – KVK, Bidar

ICAR-KVK Bidar organized a live streaming programme on release of 20th installment of PM-Kisan Samman Nidhi scheme on 2nd August 2025 at its campus. The event was part of the nationwide telecast of Hon'ble Prime Minister Shri Narendra Modi's address from Varanasi, Uttar Pradesh, highlighting the government's commitment to ensuring direct income support for farmers under the flagship scheme.

A total of 512 farmers and farm women from different parts of Bidar district actively participated in the programme. Farmers attentively viewed the live telecast and appreciated the Prime Minister's emphasis on strengthening farmer welfare, doubling farmers' income, and promoting sustainable agricultural practices.

Following the live programme, scientists from ARS Bidar and Diploma Agricultural College engaged the participants in an interactive training session. The technical sessions focused on Integrated Crop Management (ICM) practices in Pulses and Oilseeds, which are major crops of the district. Farmers were provided guidance on seed treatment, integrated nutrient management, water use efficiency, and plant protection measures.

Additionally, the experts highlighted the importance of post-harvest technologies, stressing value addition, proper storage, and processing methods to minimize losses and increase profitability. The farmers expressed keen interest in learning about low-cost storage structures, grading, and marketing strategies that could enhance their household income.

As a part of the exposure visit, the participants were taken batch-wise to the Biofuel Unit located within the KVK Bidar campus. Scientists explained the process of converting locally available biomass and oilseed residues into biofuels, which can serve as an eco-friendly and sustainable energy source. Farmers appreciated the initiative and showed interest in adopting such innovative technologies that align with the national vision of clean energy and reduced dependency on conventional fuels.

The programme concluded with a vote of thanks, where farmers expressed gratitude towards ICAR-KVK Bidar for organizing the event and providing them with an opportunity to learn about government initiatives, improved crop management practices, and innovative technologies. Overall, the event proved highly beneficial, combining policy awareness with hands-on technical training, thereby empowering the farming community of Bidar district.



8 ICAR-KVK, CHAMARAJANAGAR

Capacity building programme on Improved cultivation practices of Turmeric and Banana at adopted village

A capacity building programme on improved cultivation practices of Turmeric and Banana was conducted under village adoption on 08.08.2025 at Hondarabalu village. Smt.Chandrakala, Gram Panchayat member in her inaugural speech acknowledged the implementation of village adoption programme and informed farmers to facilitate and cooperate with KVK for the village development. She insisted farmers to adopt all the improved agriculture technologies suggested by the KVK scientists and emphasized the adoption of secondary agriculture activities, especially in Turmeric and Banana. Sri.Lokesh, another GP member brought out the turmeric cultivation scenario of the village and figured out the major problems in turmeric cultivation like lack of improved varieties, stem borer and rhizome rot disease. He informed farmers to adopt improved livestock production practices and urged to emphasised the fodder production. Progressive farmer Shri.Ramesh shared his turmeric cultivation experience and provided information on SmallOnion & Chilly remunerative intercrops in Turmeric cultivation. Mr.Mahesh and Mr.Sandeep, Field Officers (SST services) provided the information on rural development project being operated in the district from their organization. Dr.Yogesh,G.S., Scientist (SS&AC) provided information on improved cultivation practices of Turmeric & Banana and insisted the farmers to follow rhizome and sucker treatment with bioagents for avoiding major soil borne diseases like Rhizome rot and Panama wilt. Further, he highlighted the significance of using bioproducts namely neem cake, karanj cake, neem oil, Trichoderma, Pseudomonas, Paecilomyces, which in turn reduces the cost of cultivation significantly by bringing down the plant protection spray cost. As a part of the programme, Lemon, Guava, Jackfruit and Amla saplings were provided to 90 farm families in the village.

Few fields were visited wherein Turmeric stem borer, iron deficiency in Sugarcane, and panama wilt were diagnosed and suitable management & recommendations were suggested.



Inauguration of the programme by dignitaries



Distribution of saplings to the farmers

9 ICAR-KVK, CHIKKABALLAPURA

Parthenium Awareness Week

As a part of Parthenium Awareness Week, ICAR Krishi Vigyan Kendra Chikkaballapura organized various programmes like awareness programmes and parthenium removal activities from 16th – 22nd August 2025. Dr. Tanweer Ahmed, Scientist (Agril. Extension) and Dr. Amoghvarsha Chittaragi, Scientist (Plant protection) explained about the ill effects of invasive parthenium weed and its control measures. Parthenium removal activity was carried out in KVK instructional farm and Chadalpura village of Chikkaballapura taluk. Further a literature about 20th parthenium awareness week is displayed at KVK office and circulated it in various social media like Whatsapp, Facebook and Twitter. A total of 115 participants involved in parthenium removal activity.



Awareness and removal of parthenium weeds

Certificate distribution programme for DAESI candidates

Certificate distribution programme for Diploma in Agricultural Extension Services for input dealers (DAESI) was organized at Krishi Vigyan Kendra, Chintamani on 19.08.2025. Dr. Y.N. Shivalingaiah, Director of Extension, UAS, Bangalore, Dr. P.Venkataramana Dean (Seri.) Dr. Narayana Reddy, State Nodal Officer (DAESI), Smt. Bhavya Rani, Deputy Director of Agriculture and Dr. Papireddy, Senior Scientist and Head inaugurated the programme. Dr. Y.N. Shivalingaiah, Director of Extension, UAS, Bangalore highlighted about the role of input dealers in dissemination of technologies and urged participants to visit the farmers’ fields and promote sustainable agriculture practices. Dr. Narayana Reddy, State Nodal Officer (DAESI) emphasized on supplying quality inputs and provide good extension service to the farmers. Dr. Papireddy, Senior Scientist and Head briefed about the objectives of DAESI programme, roles and responsibilities of input dealers. Smt. Bhavya Rani, Deputy Director of Agriculture, Chintamani explained about management of records pertaining to fertilizers and chemicals at the sales point. Dr. P.Venkataramana Dean (Seri.) delivered presidential remarks and emphasized the input dealers to adopt the improved production technologies and popularize them. 38 participants received the DAESI certificate during the programme.



Dr. Y.N. Shivalingaiah, Director of Extension, UAS, Bangalore addressing the DAESI participants



Participants of the programme

Training on Value addition in millets

Training programme on value addition in millets was organized in collaboration with department of agriculture on 22.08.2025 at District Agriculture Training Centre, Kagathi, Chintamani. Smt. Divya Rani, Deputy Director of Agriculture, Chintamani inaugurated the programme and highlighted about scope and importance of value addition in millets. Dr. Soumya Hiregoudar, Scientist (Home Science) delivered a lecture on processing and value addition in millets and conducted method demonstration on preparation of finger millet laddu and chocolate. Smt. Chetana, Assistant Director of Agriculture emphasized on entrepreneurship development in millet value addition. More than 50 farmwomen participated in the programme.



Training on Value addition in millets

Training on pruning in mango

Off campus training on pruning in mango was organized by Krishi Vigyan Kendra, Chikkaballapura on 25.08.2025 at A. Hosahalli village of Chintamani taluk. Dr. Sandhya, Scientist (Soil Science) emphasized about importance of pruning in mango. Dr. Praveenakumar, Scientist (Horticulture) demonstrated the pruning technique in mango.



Off campus training on pruning in mango

10 ICAR-KVK, CHIKKAMANGALURU

Mushroom Cultivation Training Programme

On August 12, 2025, ICAR-Krishi Vigyan Kendra (KVK), Chikkamagaluru, conducted a transformative training program on mushroom cultivation to foster self-employment and economic independence. Dr. Krishnamurthy A.T., Senior Scientist and Head, emphasized that mushroom cultivation offers a viable avenue for economic upliftment, particularly for housewives, enabling them to utilize their time productively and establish it as a thriving enterprise.

Dr. Shivaprasad M., Associate Director of Extension, College of Horticulture, Mudigere, highlighted the nutritional benefits of mushrooms, noting their zero sugar and carbohydrate content, making them ideal for diabetic and menopausal individuals, and their low-calorie, low-fat profile, suitable for heart patients and those managing obesity.

Shri D.L. Ashok Kumar, President, Zilla Krishika Samaj, Chikkamagaluru, praised Chikkamagaluru’s conducive climate for mushroom cultivation and urged the district’s youth to capitalize on this opportunity for financial gains. Shri Poornesh H.K., President, Farmers Producers Organization, Mudigere, shared inspiring success stories of local mushroom growers, encouraging participants to pursue cultivation.

Dr. Sneha Shighihalli, Scientist (Home Science), elaborated on the health benefits of mushrooms, rich in quality protein for children and pregnant women, and high in fiber, beneficial for constipation and cancer patients.

She showcased diverse value-added products like mushroom sandwiches, cutlets, soups, pickles, and biryani, demonstrating their integration into daily diets to address health issues. Through detailed demonstrations, she provided scientific insights into cultivation techniques.



11 ICAR-KVK, CHITRADURGA

Parthenium Awareness Week

Parthenium Awareness Week was organized at ICAR-KVK, Chitradurga from 16th to 22nd August, 2025. Dr. Parshuram Chandravanshi, Senior Scientist and Head, briefed the gathering on the history and spread of parthenium weed, which is now commonly found in habitats such as roadsides, wastelands, and cropped fields. He emphasized the importance of managing the weed before flowering and suggested several control measures, including: Uprooting of parthenium and cultivation of *Cassia tora* an allelopathic crop whose root exudates inhibit the germination of parthenium seeds. Dr. S. Onkarappa, Scientist (Plant Protection), elaborated on the biological control of parthenium using *Zygodontia bicolorata*, a host-specific beetle that predominantly feeds on parthenium plant parts. Dr. Mahantesh P. S., Scientist (Horticulture), explained the process of utilizing parthenium waste for composting and highlighted that compost prepared from parthenium is rich in nutrients and highly beneficial for perennial horticultural crops. Dr. Saraswathi J. M, Scientist (Home science) explained the harmful effects of parthenium on human beings, stressing the health hazards caused by exposure to the weed. Dr. Preethi, Scientist (Agril. Extension) emphasized the importance of a community approach in managing Parthenium, underlining that collective efforts are essential for its effective and sustainable control. The programme concluded with a parthenium clean-up campaign, during which participants removed weeds from the KVK office premises and its surroundings.

**On-Campus Training Programme on Integrated crop management in Chrysanthemum**

An on-campus training programme on Integrated Crop Management in Chrysanthemum was organized on 6th August 2025 at ICAR-KVK, Chitradurga. The programme aimed to enhance the knowledge of farmers on scientific cultivation practices in chrysanthemum. A total of 25 participants attended the programme. Dr. Parashuram Chandravanshi, Senior Scientist & Head, ICAR-KVK, Chitradurga, delivered a session on nutrient management with a special focus on the importance of micronutrients in chrysanthemum production. He highlighted the role of balanced nutrition in improving flower quality and yield. Dr. Mahantesh P. S., Scientist (Horticulture), spoke on cultivation practices and pest and disease management in chrysanthemum. He explained practical approaches for effective crop protection and sustainable management. The programme concluded with a vote of thanks proposed by Dr. Mahantesh P. S., Scientist (Horticulture).

Off-campus training programme was conducted by Dr. S. Onkarappa, Senior Scientist and Head, Krishi Vigyan Kendra, Babbur Farm, Hiriyur in collaboration with department of Agriculture, Molakalmuru on 22nd August 2025 at Konapura, Molakalmuru taluk. He advised the farmers on importance of integrated pest management in Chilli to minimize the pesticide residue due to indiscriminate application of pesticides. He

mentioned about excessive application fertilizers without the knowledge of fertility status of soil results in increase of diseases in Chilli crop and use of bio inputs such as Trichoderma and Phosphorus solubilizing bacteria are essential. Demonstration on enrichment of compost using Trichoderma was conducted to create awareness on importance of Trichoderma in preventing diseases in many of the agricultural and Horticultural crops. Mr. Shivanna and Mr. Maharudrappa from department of Agriculture, Molakalmuru were presided as chief guests in the programme and briefed about inputs availability and soil and water conservation activities carried out by the department. Around 26 farmers were participated in the programme and interacted with scientist on pest and disease management.



Integrated pest management in Chilli

Integrated pest management in Maize and Arecanut

Off campus training programme was conducted on 30th August 2025 at Kadleguddu, Chitradurga taluk. The training programme was inaugurated by Mr. Anand, Project Officer, BAIF –NGO, Tiptur. During the inaugural address, he advised the farmers to modern technology to protect water and soil which is very important for future generation to retain sustainable agriculture. Dr. S. Onkarappa, Scientist (Plant Protection), Krishi Vigyan Kendra, Babbur Farm, Hiriyyur, mentioned about consequences of increasing area under arecanut in the taluk and scarcity of water in future. He has advised the farmers on management of spindle bug by application of Imidacloprid at 0.5 ml per litre of water and bud rot disease can be managed by application of Copper oxy chloride at 3 gram per litre of water. Mulching in arecanut garden essential for conservation of soil moisture during summer season. Mrs. Megha, resource person from department of Agriculture, Raitha Samparka Kendra was presided as chief guests in the programme and explained availability of inputs and schemes in the department. Around 46 farmers were participated in the programme and interacted with scientist on pest and disease management.



CDP on cultivation practices for horticultural crops

The ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru in association with Catholic Church, Department of Horticulture and Department of Agriculture organised capacity development programme on 10.07.2025 at Peuvai Village of Bantwala taluk on Scientific cultivation practices of Jasmine, Arecanut and Coconut. Mr. Simon D'souza, Father of Catholic church, pruvai presided over the programme.

Dr. Rashmi, R., Scientist (Horticulture) coordinated the programme and delivered lecture on crop production, importance of soil testing in coastal Karnataka, integrated nutrient management practices in Arecanut, Coconut, Jasmine and other Horticultural crops and also demonstrated pruning technique in jasmine for off season flowering. Officers of department of horticulture and agriculture and 78 farmers were present during the programme.



Attended Direct Phone-in Program at AIR Chitradurga

ICAR-Taralabalu KVK Senior Scientist and Head Dr. Devaraja T. N. and Subject Matter Specialist (Plant Protection) Dr. Aviansh T. G. Participated in the PhoneIN program. The topics covered in the program includes Integrated management of Pest and Disease in crops and facilities available in KVK for farmers. In the program 10 phone calls from different districts were answered. Dr. Devaraja T. N. provided information on ongoing activities of KVK and facilities available for farmers. The program was coordinated by Mr. Jagadeesh Gopannahal of Akashavani.



Nutri-garden Training

ICAR-Taralabalu Krishi Vigyan Kendra conducted Nutri-garden training on eve of Horticulture Day Celebration under SCSP and TSP projects at Urulukatte village of Jagalur Tq. Dr. Basavanagowda M.G., Horticulture Scientist explained the importance of Horticulture Day and Role of Organic Vegetables in getting Good Health. Dr. Supriya P. Patil explained about the ill effect of malnutrition on women and child. She also gave details on importance of leafy vegetables in human diet. Mr. Mallikarjuna B.O., Agronomist informed the farmers to adopt biofortified Ragi and also gave information on soil testing. More than 60 Farm women were provided with vegetable seed kit and drumstick seedlings to grow under their kitchen garden



Attended Direct Phone-in Program at AIR Bhardravathi

ICAR-Taralabalu KVK Senior Scientist and Head Dr. Devaraja T. N. and Subject Matter Specialist (Agronomy) Mr. Mallikarjuna B.O. Participated in the PhoneIN program. The topics covered in the program includes Food and Nutrition aspects, Different methods of paddy production system and facilities available in KVK for farmers. In the program 8 phone calls and 5 whatsapp message from different districts farmer’s queries were attended.



Training program under NMEO-OS project

ICAR-Taralabalu KVK conducted the training program under National Mission on Edible oils and Oilseed crops as a Technical Supporting Agency. Mr. Mallikarjuna B.O SMS (Agronomy) delivered lecture on the improved production technology in Groundnut (Var. Vishesta) at Nymathi taluk and Var. Dh-256 at Jagalur taluk.

Field visit to the Frontline demonstration under NMEO-OS plots at Odyerahatturu, Nymathi taluk and Mudalamachekere at Jagalur taluk. Mr. Manjunatha, Progressive farmer taken up the sowing of groundnut under raised bed technology and crop was in flowering and peg initiation stage. The program was conducted in collaboration with department of Agriculture and National Seed Corporation, Davangere. DDA, ADA, AO, Krishi Sakhis and Progressive farmers participated in the program.



Latitude: 14.51371
 Longitude: 76.421555
 Elevation: 639.94±7.9 m
 Accuracy: 4.016 m
 Time: 14-08-2025 13:18

14 ICAR-KVK, DHARWAD

Two trainings on “Agro Ecological Practices” for Community Resource persons of Farm Livelihood (Krishi Sakhi)

Two training programmes on “Agro Ecological Practices” Module-II for Community Resource persons of Farm Livelihood (Krishi Sakhi) were organized by ICAR- Krishi Vigyan Kendra, Dharwad in association with KSRLPS Skill Development, Entrepreneurship and Livelihood Department, Government of Karnataka from 11-16 August, 2025 and 18-23 August 2025 at ICAR-KVK, Dharwad in 2 batches. Dr. M. V. Manjunath, Director of Extension, UAS, Dharwad inaugurated the programme and expressed that, Krishi Sakhis will make available the latest technologies available at the door steps of farmers. He requested them to gain the knowledge through this training and join hands with the district administration in comprehensive development of villages by delivering services of various government schemes. Dr. Shripad Kulkarni, Associate Director of Extension, UAS, Dharwad spoke about the idea behind selecting Krishi Sakhis, their activities, work details and significance of training programme. Dr. K. P. Gundannavar, Senior Scientist and Head, ICAR-KVK, Dharwad welcomed the guests and gave an introductory speech about the programme.

During these training programmes, Krishi Sakhis were pre-evaluated for knowledge on agriculture and allied sectors. Various lectures on IFS, role of women in agriculture, hi-tech horticulture, grafting and layering of horticulture crops, plant protection in crops, vermicompost production, apiculture, importance of kitchen garden, schemes of agriculture department, different agriculture mobile apps, role of krishi sakhis in community development and NRLM were delivered by resource persons. Exposure visits to progressive farmer fields were organized. Dr. Airadevi P. Angadi, Scientist (Horticulture) and Mr. Arun V. Kinagi, Farm Manager organized training programme for Batch-I (27) and Dr. Pallavi T., SMS (Soil Science) and Dr. Praveen T. Goroji, Asst. Chief Technical Officer (Lab.) organized training programme for Batch-II (27). Around 54 Krishi Sakhis from Kalaghatagi and Hubballi talukas, staff of ICAR-Krishi Vigyan Kendra, Dharwad and Zilla Panchayat Dharwad participated in the training programmes.



Celebration of Parthenium Awareness Week

The ICAR-KVK, Dharwad observed Parthenium Awareness Week from 16th to 22nd August, 2025. The programme aimed at creating awareness about the harmful effects of the invasive weed Parthenium hysterophorus on crop productivity, human health and livestock well-being. As part of the campaign, awareness sessions were organized for Krishi Sakhis, highlighting the ill effects of Parthenium such as allergic reactions, skin problems, loss of soil fertility and reduced crop yield. Participants were also educated about integrated management practices, including mechanical removal, biological control and use of chemical methods for effective eradication of the weed. Parthenium weeds in and around the KVK premises were removed by Krishi Sakhis along KVK staff, thereby encouraging participants to adopt similar measures in their villages.



Rangoli and Cooking Without Fire – Competition for Women

On the occasion of Krishi Mela-2025, the ICAR-KVK, Dharwad organized a competition on “Rangoli and Cooking Without Fire” on 12.08.2025 with the objective of empowering rural women and encouraging their creativity. The event was graced by eminent judges – Dr. Nagaratna Biradar, Principal Scientist, Regional Indian Grassland Research Institute, Dharwad, Smt. Geeta L., Assistant Director of Agriculture and Smt. Geeta Kadapatti, Assistant Director of Agriculture, Department of Agriculture, Dharwad. They evaluated the entries with keen interest and awarded marks based on creativity, innovation and presentation. The programme was presided over by Dr. K. P. Gundannavar, Senior Scientist and Head, ICAR-KVK, Dharwad and was well-coordinated by Smt. Vidya V. Sangannavar. The entire KVK staff extended active support in organizing the event.



The competition witnessed enthusiastic participation from more than 50 rural women representing different villages of Dharwad district. In the Rangoli category, participants showcased vibrant designs, innovative techniques and artistic creativity. In the Cooking Without Fire category, women prepared a wide range of healthy, nutritious and imaginative dishes, which won high appreciation from the judges. The event not only highlighted the talent and innovation of rural women, but also served as a platform to promote traditional skills, nutrition awareness and women’s empowerment.

Essay Competition on Soil Health Conservation

On the eve of Krishi Mela-2025 of UAS, Dharwad, the ICAR-KVK, Dharwad organized an Essay Competition on the topic “The Responsibilities of *Students in Conserving Soil Health*” for the students of B.V.V.S.S. High School, Somapur village, Dharwad taluk on 26.08.2025. The programme was attended by the Headmaster, Shri G. S. Nidugundi, along with the school staff. From KVK, Dr. Airadevi P. Angadi, Smt. Kalavathi K. Kambali and Smt. Vidya V. Sangannavar actively coordinated the event. Shri. Siddappa Mutagi, a progressive farmer from Somapur village, also participated and encouraged the students. A total of 26 students enthusiastically took part in the competition and presented their views on the importance of soil conservation and the role of students in maintaining soil health. The event successfully created awareness among the students on the need to conserve soil resources for sustainable agriculture and future generations.



KVK commissions lemongrass hydro-distillation unit, paving the way for the revival of lemongrass farming

The ICAR-KVK Ernakulam achieved a major milestone in its efforts to revive the once-thriving lemongrass cultivation and oil distillation industry in the district by successfully installing, testing, and commissioning a 500 kg capacity hydro-distillation unit at Vavely, Kottappady, on 28th August 2025.

The unit has been established under the CSIR-CIMAP Aroma Mission, while the weather proof housing and lemongrass cultivation were supported under the Scheduled Caste Sub Plan (SCSP) of the KVK. The initiative is being implemented in partnership with the Chembakamithra Lemongrass Self-Help Group, a Scheduled Caste SHG registered earlier by the KVK.

The commissioning was carried out under the supervision of Dr. N.D. Yogendra, Principal Scientist, CSIR-CIMAP, Bengaluru and Dr. Shinoj Subramannian, Principal Scientist & Head, ICAR-KVK Ernakulam. Key team members who contributed include Shri. Pushparaj Anjelo, Chief Technical Officer, Shri. Binoop C.S, Shri. Sineesh Ambi (Technicians), and Shri. Jimosh Mohan (Multi-Tasking Staff), all from KVK, along with Shri. Binil Eldho Alakkara-local coordinator and Shri. Santhosh Ayyappan, ward member.

The facility will serve as a common platform for small and marginal farmers, enabling them to extract high-quality lemongrass oil and explore value-addition opportunities. The Chembakamithra SHG will manage the unit and also undertake cultivation. KVK plans to demonstrate the distillation process, provide hands-on training, and support the development of value-added products such as soaps, mosquito repellents, fumigants, and air fresheners to enhance income through branded marketing.

The region where this intervention is implemented borders forest areas that are frequently affected by elephant raids. Farmers have been actively seeking alternative crops that are less prone to wildlife damage. Lemongrass, which elephants generally avoid, offers a promising solution for sustainable and profitable farming in such vulnerable zones.

The KVK is planning to expand the area under lemongrass cultivation by organizing training programmes and supplying quality saplings to farmers in the region. This intervention, combined with KVK's earlier breakthrough in mechanized harvesting using KAMCO's reaper, will help address labor constraints and improve profitability for farmers.



Dr. Shinoj Subramannian, Head-KVK explains the project to local farmers

he KVK, CIMAP officials and partner farmers together collecting the first drops of lemongrass oil

KVK initiates awareness for expanding sugarcane cultivation in alangad region

Building on the successful initiatives of KVK Ernakulam in sugarcane farming, jaggery production, and the profitable marketing of branded Alangadan Jaggery in collaboration with Alangad Grama Panchayat and Alangad Cooperative Bank, efforts are now underway to expand the cultivation area through farmer awareness programs.

As part of this initiative, KVK participated in the Sugarcane Farmers’ Meet organized by Alangad Cooperative Bank during Kalamassery Karshikolsavam 2025 on 11th August 2025 at the Alangad Cooperative Bank Hall. The event was inaugurated by Hon’ble Minister for Law, Industries and Coir, Shri P. Rajeeve, and presided over by Smt. Ramya Thomas, President of the Alangad Block Panchayat.

During the program, Shri F. Pushparaj Anjelo, Subject Matter Specialist of KVK Ernakulam, led a technical seminar on the Prospects of Expanding Sugarcane Cultivation in the Alangad Region, emphasizing sustainable farming practices, improved processing techniques, and the economic benefits of branded jaggery marketing.



Shri F Pushparaj Anjelo participating in the Sugarcane farmers meet at Alangad

KVK Ernakulam promotes PM-Kisan 20th installment release through farmer-scientist interface and live webcast

KVK Ernakulam actively promoted the landmark National event of releasing the 20th installment of PM Kisan Samman Nidhi by organizing a live webcast at Edakattuvayal Panchayat, Ernakulam, on 2nd August 2025. The program was inaugurated by Hon’ble Piravom MLA Shri Anoop Jacob and presided over by Shri K. R. Jayakumar, President, Edakattuvayal Grama Panchayat.

To make the event more impactful for farmers, KVK conducted a Farmer-Scientist Interface, where experts in Horticulture, Animal Husbandry, Agricultural Extension, and Soil Science interacted with farmers and addressed their queries. As an additional highlight, a demonstration of agricultural drone application was organized to showcase the use of modern technology in farming.



Inauguration of live webcasting by Shri Anoop Jacob, Piravom MLA at Edakattuvayal

Farmer scientist interface as part of PM Kisan program

The program witnessed active participation from progressive farmers, local officials, and KVK staff, creating an effective platform for knowledge exchange and dissemination of innovative technologies, while reinforcing the objectives of PM-Kisan.



Live webcasting of release of 20th installment of PM Kisan Samman Nidhi

KVK showcases its technology demonstration and entrepreneurship initiatives at KAU technology day 2025

KVK Ernakulam actively participated in the KAU Technology Day organized at the Aromatic and Medicinal Plants Research Station (AMPRS), Odakkali on 26th August 2025. The meeting was presided over by Shri Salim N. M., President, Koovappadi Block Panchayat, with Shri Manoj Moothedan, President, Ernakulam District Panchayat, as the chief guest.

Representing KVK Ernakulam, Shri Shoji Joy Edison, Subject Matter Specialist (Horticulture), highlighted the technology testing and refinement activities, frontline demonstrations, and entrepreneurship development programs implemented by KVK for the benefit of farmers in the district. He also explained the innovative models adopted for promoting agri-based enterprises and farmer-oriented capacity building.

The program also featured presentations on KAU technologies by Dr. Suresh Kumar P. K., Professor, KAU, along with contributions from Smt. Indu Nayar P., Principal Agriculture Officer, Mrs. Sanju Susan Mathew, ATMA Project Director, Dr. Sreeletha A. K., Head, Rice Research Station, Vyttila, and Dr. Ancy Joseph, Head, AMPRS, Odakkali. Assistant Directors of Agriculture and Agricultural Officers of Koovappadi Block shared findings from their recent diagnostic field visits.



Shri Shoji Joy Edison participating and addressing the audience as part of KAU Technology meet 2025

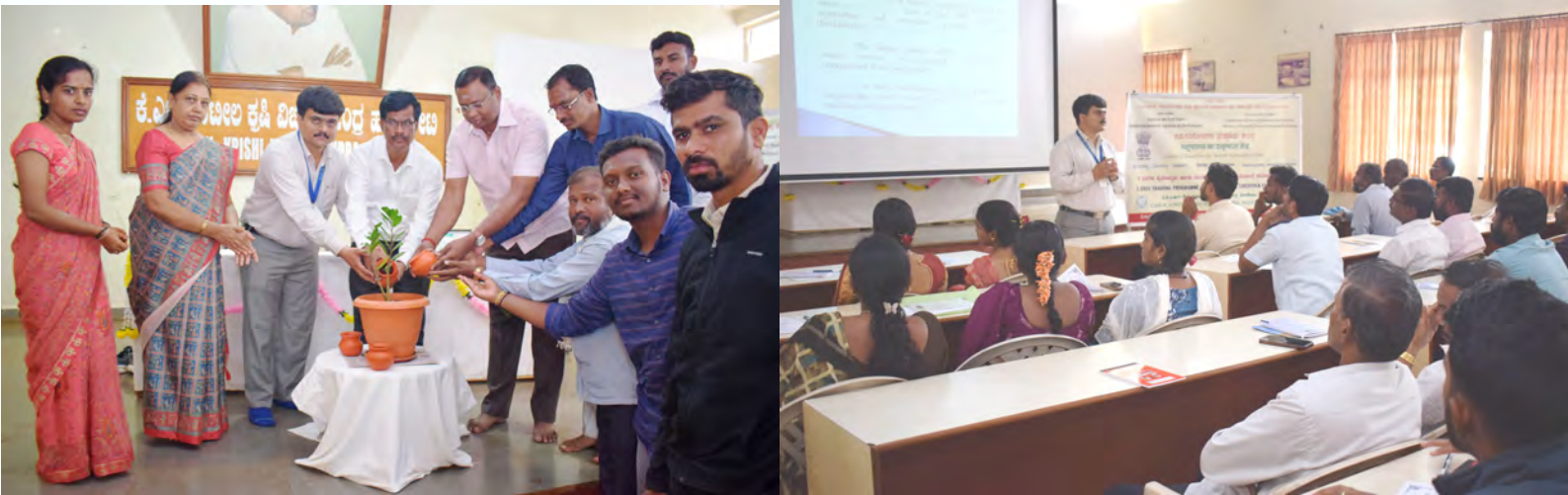
Training Programme to FPO Members

One day training programme to members of Suranagi Siri Farmers' Producer Organization on "Production and Processing of Millets" was organized by ICAR-KVK, Gadag in collaboration with Selco Foundation, Bengaluru on 04-08-2025. Dr. Sudha V. Mankani, Senior Scientist and Head, ICAR-KVK, Gadag inaugurated the training programme and addressed the farmers on importance of fibre rich and nutritious millets in daily diet to lead disease-free life. She also stressed upon use of biofortified millet varieties for achieving nutrition sustainability. Technical sessions were followed after the inauguration by Ms. Navya, Programme coordinator, Selco foundation. She briefed about global reach of Indian millets and efforts of Selco foundation to revive and encourage cultivation of millets. Mr. Vishwanath and Mr. Siddanagouda Patil, Field Coordinators, Selco Foundation spoke about functioning of FPOs in cultivation and marketing of millets. Dr. Chetan Babu R.T., SMS (Agronomy) presented production technologies of different millet crops. Dr. Sudha V. Mankani, Senior Scientist & Head, gave a detailed account on value addition of millets and consumption pattern of millets in Indian households. Dr. Vinayaka H Niranjana, SMS (Ag. Engg.) briefed about primary processing and machineries used for processing of millets. Mr. Radhakrishna, Technical Assistant, Karnataka State Department of Agriculture, Gadag provided insights on funding opportunities for FPOs and SHGs under PMFME scheme for initiating processing / value addition enterprises. About 102 farmers and farm women including the CEO of Suranagi Siri FPO participated in the training programme.



Capacity Building on Large and Small Livestock Entrepreneurship

A three-day capacity building on "Large and Small Livestock Entrepreneurship" was organized by ICAR-KVK Hulkoti, Gadag district, in collaboration with the Centre of Excellence for Animal Husbandry (CEAH), DAHD, Government of India, Hesaraghatta, Bengaluru, from 5th to 7th August 2025. The programme aimed to equip farmers with scientific knowledge and entrepreneurial skills in animal husbandry. The programme was inaugurated by Dr. H.B. Hulagannavar, Deputy Director, Department of Animal Husbandry and Veterinary Services, Gadag, and spoke about how farmers can earn more income when they adopt scientific animal husbandry practices. Chief Guest of the programme, Dr. S. Balaraj, Animal Husbandry Officer, Centre of Excellence for Animal Husbandry, Bangalore, briefed that CEAH is organizing several training programmes to provide employment opportunities in animal husbandry and urged the farmers to take advantage of these training programmes. Shri Shivakumar S., Director, SBI-ASF-RSETI, Hulkoti, spoke about financial assistance and loan facilities available from banks to start the animal husbandry activities. Dr. Sudha V. Mankani, Senior Scientist and Head, ICAR-KVK, Hulkoti, said that dairy farming and animal husbandry are highly profitable ventures and the trainees need to take up value addition of dairy products for getting higher income. Dr. Praveen S. Karikatti welcomed the gathering, and Dr. Vinayak Niranjana presented the vote of thanks. A total of 38 farmers participated in the training.



Certificate Distribution Programme to DAESI Trainees

ICAR-KVK, Gadag in collaboration with University of Agricultural Sciences, Dharwad, Karnataka State Department of Agriculture, Gadag and MANAGE, Hyderabad organized Certificate Distribution programme on 20-08-2025 to Agricultural Input Dealers and Self-financed candidates who completed DAESI course during 2023-24. Dr.M.V.Manjunath, Director of Extension, UAS, Dharwad inaugurated the programme. He addressed the gathering and emphasised on the importance of agro-input dealers in giving proper guidance to the farmers. He also advised the trainees to avail technical help from University and KVKs without any hassles. Dr.S.N.Jadhav, Nodal Officer (DAESI), UAS, Dharwad as chief guest opined that farmers are in direct contact with agro-input dealers at village levels. Hence, it is the responsibility of input dealers to pay attention to problems that farmers are grieving upon and provide proper solutions to overcome such issues. Smt. Spoorti G.S., Deputy Director of Agriculture, Gadag spoke regarding role of agri-input dealers in forming a resource chain between Farmers and Department of Agriculture, University of Agricultural Sciences and KVKs in providing technologies in agriculture and various schemes of the department. Dr. Sudha V. Mankani, Senior Scientist and Head, presided over the programme and congratulated the trainees for successfully completing DAESI course. Further, she gave insights on current issues of farmers focusing on poor soil health management and spraying of mismatched chemicals for the control of pests and diseases. Shri S.K.Mudlapur, Facilitator for DAESI course, gave a brief report of activities conducted for the concluding batch of DAESI. On this eve, a total of 38 input dealers and self financed trainees were bestowed with DAESI course completion certificate.



National Workshop on Revision Of Study Material and Preparation of Question Bank on DAESI

Centre for Agricultural Extension Policy, MANAGE Hyderabad conducted a three-days National Workshop Revision of Study Material and Preparation of Question Bank on DAESI (second phase) during 21 to 23rd August, 2025. Dr. Sagar Hanuman Singh, IPoS, Director General of MANAGE and Dr.M.Srikant, Director of CAEP, MANAGE briefed about the objectives of the workshop and reiterated the expected outcomes of the workshop. More than 30 subject matter experts across the country participated in the workshop and presented the proposed course material. Dr. Vinayaka H Niranjana, SMS (Ag. Engineering), ICAR-KVK, Gadag was invited to the workshop as one of the subject expert and he presented the proposed course material on two modules viz., “Safe Application of Agro-Chemicals” and “Farm Mechanization”. Workshop was concluded with critical reviews by Dr. Yallmandi Reddy, Emeritus Scientist of Agronomy and discussions on further course of action.



17 ICAR-KVK, HASSAN

Parthenium Awareness Week

Parthenium Awareness Week program was organized at Krishi Vigyan Kendra, Kandali. Dr. Rajegowda, Senior Scientist and Head of Krishi Vigyan Kendra, inaugurated the program and said that Parthenium weed is found everywhere in our surrounding environment, but we do not pay attention to it, but this weed is a poisonous plant and is a threat to human and animal life, so we should eradicate Parthenium weed and keep the environment clean and tidy. Dr. Shivashankar, M., Scientist (Home Science), Krishi Vigyan Kendra, Kandali spoke about the loss caused by Parthenium weed worldwide, the destruction of the environment and the adverse effects on human health, the status, statistics and prospects and the problems faced by farmers due to Parthenium weed. Dr. Arunkumar B R, Scientist (Soil Science) said that Parthenium weed management is very important in agriculture. If this weed is not managed, the crop yield will decrease and farmers will suffer a lot. The pollen of this weed can enter the human or animal body during breathing and cause respiratory problems. Therefore, Parthenium Awareness Week will be celebrated across the country from August 16-22 to create more awareness about Parthenium weed in rural areas. Dr. Shrinivas Deshpande, Scientist (Agricultural Engineering) organized the program. Other scientists and staff of Krishi Vigyan Kendra and farmers participated in the program.

KVK	Date	Activity conducted	No of participants
ICAR-KVK Hassan	19.08.2025 to 22.08.2025	04	90



“Training Program on Mushroom Cultivation”

“Training Program on Mushroom Cultivation” was organized on 29.07.2025 at KVK, Haveri (Hanumanamatti) to farming community of Haveri district. Dr. A. H. Biradar, Senior Scientist and Head of KVK, Hanumanamatti during his introductory speech briefed that mushroom farming is a less laborious activity with very low investment and can fetch higher income in 20-25 days. It is a non-agricultural activity that enhances the income of farmers. He also said that Mushroom cultivation *recycles agricultural wastes into an easily digestible protein source* that enriches the human diet. A large amount of crop residues generated annually, rich in organic compounds which are worthy of being recovered and transmuted. Hence, it is eco-friendly secondary agriculture. Therefore, it is need of hour to adopt these technologies to double the income of farmers sustainably and bridge the gap of malnutrition in the human diet. Then Dr. Noor Nawaz A.S., Assistant Professor (Department of Microbiology), College of Agriculture, Hanumanamatti gave lecture on oyster, button, milky and paddy straw mushroom cultivation. Dr. Santhosh H.M., Scientist (Horticulture) informed the farmers about sources of seed availability, marketing aspects and post-harvest handling of mushroom. Dr. Akshata Ramannanavar, explained about mushroom value added products for higher income. Method demonstration on Oyster mushroom cultivation was also carried out after the technical session. About 30 farmers from Haveri district participated and received participation certificates.



Capacity building programme on “Stallfed Sheep and Goat Farming”

ICAR-Krishi Vigyan Kendra, Haveri (Hanumanamatti) organised one day training programme on “Stallfed Sheep and Goat Farming” on 29.08.2025. Dr. A. H. Biradar, Senior scientist and Head, in his inaugural speech briefed about importance of animal husbandry activities in sustainable Integrated Farming System. Further, he highlighted Sheep and Goat rearing can be practiced by any economical group of people for self-sustaining their livelihood.

Training programme was organised by Dr. Mahesh Kadagi. Scientist (Animal Science) and he explained different topics including different indigenous and exotic breeds of Sheep and Goats, scientific feeding practices and health management of Small ruminants, Infectious and non-infectious diseases like Haemorrhagic Septicaemia, Enterotoxaemia & PPR and their control measures. Dr.Pavan Belakeri, Veterinary Officer, Ranebenuru explained different government schemes for sheep and goat farmers.

Dr. Siddagangamma, SMS (Agronomy) narrated different legume and non-legume green fodder cultivation methods for year round fodder supply. Trainees were visited KVK Demo units Viz Sheep Farm, Fodder Block, Azolla Unit, Dairy Farm and Nursery Unit. Totally 50 farmers were participated.



KVK Idukki Distributed Kodagu Sugasini Variety of Small Cardamom to Tribal Farmers under TSP Scheme

Tribal communities often depend on traditional farming methods with limited access to improved seeds, planting materials, or modern agricultural practices. This restricts productivity and makes their livelihood vulnerable to climate change and market fluctuations. By providing quality planting materials suited to local agro-climatic conditions, tribal farmers can diversify crops, increase yields, and enhance food security and income

In a significant initiative to promote and empower sustainable agriculture, agricultural productivity and improve income generation for livelihood security among tribal communities, KVK Idukki distributed Kodagu Sugasini variety small cardamom suckers to tribal farmers from Kunjipettykudy in Adimaly Block. This distribution was carried out under the Tribal Sub Plan (TSP) scheme in collaboration with the ICAR-Indian Institute of Spices Research (IISR), Calicut. The Kodagu Sugasini variety, known for its high yield and superior quality, is expected to enhance income and ensure long-term cultivation benefits for the tribal farmers. The initiative aligns with the broader objectives of empowering tribal communities through improved agricultural practices and access to quality planting material.

Expected Outcomes are Improved crop diversity and yield among tribal farmers, Enhanced household income and nutrition, Sustainable farming practices adopted in tribal regions, Reduced dependence on forest and shifting cultivation

Distributing high-quality planting materials to tribal farmers is a strategic intervention to uplift their livelihood while promoting ecological sustainability. This initiative not only addresses food and income security but also aligns with the goals of inclusive rural development.



20 ICAR-KVK, KALABURAGI-I

Training Programme on Nutri-Garden

A one-day off-campus training programme was organized on 9th August 2025 at Pattan, T & Dist. Kalaburagi in collaboration with HDFC-MYRADA, Kalaburagi focusing on the importance of nutrition in daily life and the role of organic vegetable cultivation in improving the health of farm families. Nutri-Garden seed kits were distributed to the participating farmers as part of the programme. Around 30 farmers attended the training, actively engaging in discussions and gaining practical knowledge on sustainable farming practices. A follow-up visit was also conducted to the OFT-FLD farmer’s field, where a demonstration on intercropping velvet bean in mango orchards was observed. Dr. Sanmati Nayak, ATS Scientist (Horticulture) briefed about enhancing soil organic carbon, improving soil health, and ensuring the long-term sustainability of the orchard ecosystem. Sri. Sharanu, MYRADA Dist. Coordinator, Ajay ATM and around 35 farmers were presented and benefitted from the programme.



Foundation Course for Agricultural Research Service (FOCARS)

The Foundation Course for Agricultural Research Service (FOCARS) is the flagship orientation and induction programme of ICAR-NAARM for newly recruited ARS scientists. As part of this programme, a team of newly recruited ARS scientists, Dr. Ranjitha M. R, Agricultural Entomology, Dr. Adupa Shanmuka, Agricultural Extension, Dr. Garima Chaudhary, Animal Genetics & Breeding, Dr. Madhu Tippannanavar, Agricultural Chemicals, Dr. Manzoor A. Wani, Poultry Science and Dr. Parmanand Sahu, Farm Machinery & Power Engineering has been attached to ICAR-KVK, Kalaburagi-I for 31 days (11th August to 12th September, 2025) to undertake the FET activities.

It is a three-months training conducted in three phases: Phase I–Orientation and Capacity Building, Phase II–Field Experience Training (FET), and Phase III–Multidisciplinary Perspectives. The FET component aims to sensitize ARS scientists to participatory research approaches, stakeholder perspectives, and multidisciplinary teamwork while documenting farming systems, socio-economic conditions, and technology



adoption patterns. Dr. S. B. Goudappa, Dean (Agri), College of Agriculture, Kalaburagi, Dr. Raju G. Teggelli, Senior Scientist and Head, ICAR, Krishi Vigyan Kendra, Kalaburagi-I interacted with the scientists and scientists, staffs were participated in the programme.

Diagnostic field visit by KVK Scientists

A diagnostic field visit conducted by Zilla Panchayat, Kalaburagi in collaboration with ICAR-Krishi Vigyan Kendra, Kalaburagi-I, department of agriculture to the redgram, greengram, blackgram, soybean, sunflower and affected fields of Kalaburagi, Kalagi, Chincholi and Sedam talukas of Kalaburagi district on 13.08.2025. The water logged condition observed in many fields also interacted with the farmers. In team, KVK, Plant Pathologist Dr. Zaheer Ahmed, Dr. Mallikarjun Kenganal, Smt. Anasuya Hugar, DDA-I Sedam, Sri. Sanjeev Mankare, ADA, Chittapur, Sri. Veershetty, ADA, Chincholi, Agriculture Officers, ATMA staff and 15 farmers were actively participated.



Exposure visit by Gulbarga University Students

Gulbarga University, Gulbarga M.Sc., five final year Students exposure cum learning visited to ICAR, Krishi Vigyan Kendra, Kalaburagi-I Soil and water testing laboratory on 14.08.2025. During the programme, Dr. Shreenivas, B. V., Scientist (Soil Science) explained about the importance of soil and water testing in

Agriculture, soil health and procedures to estimate the both major and micro nutrients in the soil further emphasized about the generate and usage of soil health cards. Dr. Yusufali Nimbaragi, Scientist (Agronomy) interacted with participants on integrated farming system, about natural farming. Dr. Sanmati Nayak, ATS Scientist (Horticulture) briefed about importance of nutri-garden, terrace garden, role of horticulture crops and explained about importance medicinal and aromatic plants.



Workshop on National Mission on Natural Farming (NMNF)

Karnataka State Department of Agriculture, Kalaburagi organized one day workshop on National Mission on Natural Farming on 21.08.2025 at JDA auditorium. In this program, Joint Director of Agriculture, Dr. Samad Patel inaugurated the programme and interacted with the KSDA officials, ATMA staffs, PROs, progressive farmers and Krishi Sakhis regarding national mission on natural farming implementation in Kalaburagi district. Dr. Shreenivas B. V, Scientist (Soil Science) has delivered a lecture on importance and role of natural farming in present days, soil health, nutrient management using soil health card and importance of using organic fertilizers to increase the organic carbon in soil. Dr. Chandrakant Jeevanagi, ADA, Jewargi emphasised on national mission on natural farming. Sri. Hanamanthappa Belagumpi and Abdul Lateef, Natural Farming Progressive farmers explained about crop management practices in natural farming.

In this programme, Somashekar Biradar, Deputy Director of Agriculture I, Saifuddin, KSSOCA, Chandrakant Jeevanagi, Anil Rathod, Gadagimani and Banasidda Biradar, Assistant Director of Agriculture, Agriculture Officers and staff of KSDA, Kalaburagi district were actively participated.



Implementation and Follow-up field visit to the OFT and FLD plots by ICAR-KVK, Kalaburagi-I Scientists

Implementation of OFT on Assessment of soil quality in sodic soil through gypsum application in Sugarcane by ICAR-KVK, Kalaburagi-I at Afzalpur taluka on 04.08.2025. Further, implementation of FLD on demonstration on integrated nutrient management in Cotton at Bhoganalli village of Afazalpur taluka and demonstration on management of micronutrients in Banana at Kadaganchi village of Aland taluka. Contact Scientist, Dr. Shreenivas B. V., interacted with farmers and suggested to go for application of Gypsum before planting of sugarcane based on soil test result and also distributed the critical inputs to the selected farmers.

Follow up field visit to the FLD plots on demonstration on integrated nutrient management in Soybean at Ratakal and Kodli villages of Kalagi taluka on 28.08.2025 and interacted with farmers about the adopted technologies by KVK and suggested to go for as per the scientist recommendations. Crop is at flowering stage spray pulse magic, is a combi product contains micro nutrients and plant growth regulators (PGR) sprayed at 50% flowering stage of crop, which helps reduce the flower drop and more flower retention, improves pod filling, increase pod yield up to 15 per cent. Follow up field visit to the FLD plots on demonstration of Mucuna (velvet beans) as intercrop in fruit orchards for enriching the soil nutrient status orchard on 09.08.2025. Contact scientist Dr. Sanmati Nayak, ATS Scientist (Horticulture) briefed about importance of Mucuna crop in orchard increase in organic carbon as well as improving in soil nutrient status it enhance the increase in soil fertility and yield.



Field day on Greengram at Kodla village

On August 09th, 2025 scientists from ICAR, KVK, Kalaburagi-II (Raddewadgi) organized a field day at Kodla village of Sedam Taluka in Karnataka Rajyosthava awardee and a progressive farmer field Shri. Somanathreddy. Dr. P. Vasudev Naik (Senior Scientist and Head, ICAR-KVK Kalaburagi-II) warmly welcomed the esteemed guests and farmers to the event. In the inaugural session, Dr. N. Sivashankar (Director of Extension, UAS Raichur) briefly explained the importance of field day in Greengram crop BGS-9 variety and their demonstration. Another Chief guest, Dr. M. Hanumanthappa (Honourable Vice Chancellor, UAS Raichur) happily expressed that Shri. Somanathreddy is an active progressive farmer and other farmers of the district should also become progressive farmer by taking the inspiration from Shri. Somanathreddy. Dr. S. B. Goudappa (Dean, College of Agriculture Kalaburagi) briefly explained the importance of conducting front line demonstrations at Farmers field for the technology spread across the district at farmer's level. Smt. Anusuya Hugar (Deputy director of Agriculture, Kalaburagi division) explained in detail about the various agriculture department schemes and requested famers to take benefit from it. Dr. B. M. Doddamani (Associate Director of Research, ZARS Kalaburagi) in their presidential remarks briefly explained the importance of multiple cropping system and crop rotation for sustainable agriculture. Shri. Somanathreddy (Karnataka Rajyosthava awardee and a progressive farmer) happily expressed KVK Raddewadagi significant contributions to the farming community in Kalaburagi district. Shri. Siddaroodh Patil (IFFCO Area manager, Kalaburagi district) explained the application of Drone and its human friendly AI in agriculture and Drone demonstration was carried out by hands on experience. Later onwards certificate distribution was done by the dignitaries to CCINM, ASCI and RPL trainees. Dr. A. R. Kurubur (Associate Director of Extension, UAS Raichur), Dr. Raju G Teggalli (Senior Scientist and Head, ICAR-KVK Kalaburagi-I), Dr. Mallappa B (Scientist, Agronomy), Dr. Mallikarjunreddy (Assistant Professor, College of Agriculture Kalaburagi) Shri. Vishal (ADA Sedam taluka), Shri. Bhimreddy (AO, RSK Kodla), Shri. Ameenreddy (President, PKPS Kodla), farmers and youths of different villages were actively participated in the programme. Anchoring was done by Dr. Chandrakant (Scientist, Soil Science). Valedictory was done by Dr. Gnyandev Bulla (Scientist, Seed Science and Technology).



CDP on improved production technologies in Groundnut under CFLD on Oilseeds programme

On August 13th, 2025, ICAR-KVK, Kalaburagi-II (Raddewadgi) organized an off-site capacity-building session to farmers in Hannikera village, Chittapur taluka, as part of the CFLD on Oilseeds initiatives. The session focused on addressing issues related to Kharif crops. Dr. P. Vasudev Naik (Senior Scientist and Head, ICAR-KVK Kalaburagi-II), presented a talk on enhanced production techniques for Oilseed crops such as Groundnut, Sunflower and Safflower cultivation. Dr. Chandrakant (Scientist, Soil Science) provided insights into integrated nutrient management in Oilseed crops like Groundnut, Sunflower and Safflower. Groundnut seeds (Variety G-2-32 and DH-234) were distributed to beneficiary farmers under CFLD on Oilseeds. Approximately 50 farmers participated in this off-campus capacity-building program, gaining valuable knowledge and inputs to enhance their agricultural practices.



Krishi Vigyan Kendra (KVK) Kannur organized Kannur district level celebration KAY Technology Day 2025 on 26.08.25 at Ezhome panchayat.

Hon. Minister Sri Kadanapally Ramachandran inaugurated function chaired by Kalliassery MLS Sri. Vijin and presence of Panchayat president, member and Scientists from various stations. The following events were conducted along with inauguration seed distribution, honored 4 farmers and honored 7 farm labourers, honored Malabar Kaipad FPO who won state award for excellence in export, launched new product of Malabar kaipad FPO and conducted field visit where technology being demonstrated fields where kaipad released varieties are being cultivated and also current experiment field of new varietal development

Also we conducted a one-day training programme on value addition of papaya for 25 participants on 27.08.2025. The session focused on creating awareness about the potential of papaya processing for income generation.

Practical demonstrations were arranged where participants prepared jam, Squash, and candy from papaya. The hands on training helped participants gain confidence in adopting processing techniques. The programmes concluded with an interactive discussion on marketing and value-chain opportunities

The event was initiated by Dr. Meer Manjusha A.V Programme Coordinator, KVK Annur and technical sessions and interactive classes were led by Dr. Shruthi P, Assistant Professor, KVK Kannur

The programme aimed to empower farmers with sustainable income generation through value addition.

Another one -day training programme on Scientific layer Chicken farming was successfully conducted for 30 farmers on 29.08.2025 at KVK Kannur. The programme aimed to equip farmers with modern scientific practices in layer poultry rearing for better productivity and profitability. Dr. Asma Idrees delivered session on breed selection, housing management, balanced feeding, disease control and vaccination schedule.

The participants actively interacted with Dr. Asma Idrees and clarified their doubts. Farmers expressed that the training would help them adopt improved practices in their poultry farms. The program concluded with a vote of thanks, appreciating the efforts of organizers in supporting rural livelihoods through scientific poultry farming.



Distribution of Coconut Seedling & Coconut Climbers under SCSP:

Chingam 1, celebrated on August 17, 2025, marks the beginning of the Malayalam New Year (Kollavarsham 1201) and the start of the harvest season in Kerala. This day is also known as Karshaka Dinam (Farmer's Day), recognizing the vital role of farmers. It is a day of new beginnings, hope, and prosperity, leading into the preparations for the grand festival of Onam, which is celebrated later in the month. The Manjeshwar-Krishi Bhavan celebrated Karshaka Dinam on Sunday, August 17, 2025 and was inaugurated by Mr. A.K.M. Ashraf, the MLA of Manjeshwar. A significant part of the ceremony was the felicitation of the best farmers from various categories.

A total of 140 farmers attended the program, where ICAR-KVK, CPCRI distributed 100 coconut seedlings and 10 coconut climbers to 25 and 10 SC farmers, respectively, from the Grama Panchayat under the SCSP scheme.



Drone Technology Demonstration for Paddy Farming:

To popularize drone technology among farmers in the district, ICAR-KVK, Kasaragod, conducted a drone demonstration on August 12, 2025, in the 10-acre Balazhi Padashekarm under the Bedadka Krishi Bhavan, Kudamkuzhy. The demonstration, led by Dr. Benjamin Mathew (SMS-Horticulture) of ICAR-KVK, Kasaragod, showcased the precise and efficient application of KAU Sampoorna micronutrient spray on a 10-acre paddy, Var. Jyothi. The KAU Sampoorna micronutrient mixture is a crop-specific formula developed by the Kerala Agricultural University to correct micronutrient deficiencies in rice.

The technology offers several key advantages, including reduced labor costs, more uniform nutrient distribution, and minimal chemical exposure for farmworkers. Departmental officials, ATMA staff, and farmers attended the event and were convinced of the operational advantages of using drones over conventional methods.



KVK Kasaragod Organizes Farmers Interaction Programme under PM Kisan Utsav Diwas:

The Farmers Interaction Programme – PM Kisan Utsav Diwas was organized on 2nd August 2025 at ICAR-CPCRI, Kasaragod, by ICAR-KVK in collaboration with CPCRI, to mark the release of the 20th installment of the PM-Kisan Samman Nidhi Scheme by Hon’ble Prime Minister Shri Narendra Modi from Varanasi, which transferred ₹ 25,000 crores directly to farmers across the country. The programme was inaugurated by Hon’ble MLA Shri N. A. Nellikkunnu, Kasaragod Assembly Constituency, Kerala, presided over by Dr. K.B. Hebbar, Director, ICAR-CPCRI, and held in the presence of Dr. Manojkumar T.S., Head, KVK Kasaragod.

The event witnessed the participation of more than 300 farmers, stakeholders and scientists along with more than large number online viewers, and featured a workshop on organic and natural farming led by SMS Dr. Benjamin Mathew and Dr. Saritha Hegde, live streaming of the Prime Minister’s address, and technical sessions on “*Scope of Natural Farming in Kasaragod District*” highlighting eco-friendly practices such as Beejamrutham, Jeevamrutham, Waaphasa, Achhadanaa, and natural pest remedies. Demonstrations on organic inputs, soil health, and pest management were followed by farmer–scientist interactions that addressed certification and marketing queries while generating strong interest in mulching, crop residue use, and bio-inputs. Farmers, particularly youth, expressed readiness to adopt these practices and requested more field-level trainings and demonstrations. The programme thus successfully blended the celebration of financial empowerment under PM-KISAN with the promotion of sustainable, resilient, and natural farming pathways for the future of Kasaragod district.



Training programme on nursery raising techniques and clonal propagation methods

ICAR-KVK Kodagu conducted a session on nursery raising techniques and clonal propagation methods in coffee on 5th August 2025 at Avregunda village. Information was provided on various schemes and subsidies available from the Coffee Board for SC/ST farmers. The session included a practical demonstration on fixing shot hole borer traps in coffee plants and shot hole borer traps were distributed to all participants. Farmers were also guided on best practices for managing coffee pests and improving plantation productivity.



Anti-rabies Vaccination camp organized at ICAR-KVK Gonikoppal, Kodagu

Free Anti-rabies Vaccination camp organized at ICAR-KVK Gonikoppal, Kodagu in collaboration with Dept. of AHVS, Ponnampet and Veterinary Hospital, Gonikoppal on 6th August 2025. On this occasion an awareness programme on zoonotically important disease like Rabies, Brucellosis, Anthrax etc. was conducted. During the programme there were 57 farmers, farmwomen and youths were present where Dr. Suresh S.C SMS(Livestock) taught about importance of control of these diseases and about the importance of vaccination against this disease in pet dogs, cats and domestic animals. A total of 97 dogs and 10 cats were vaccinated against rabies and deworming medicines were distributed freely.



Anti-rabies awareness programme organized at ICAR-KVK Gonikoppal, Kodagu

In order to bring the awareness about the deadly disease – Rabies, an awareness programme was organised by ICAR-KVK Gonikoppal on 7th August 2025 for the benefit of high school children, as they frequently come in contact with pet animals in and around their home surroundings. The children were taught about the causative agent, spread, clinical signs and control measures about the deadly disease – rabies. Since rabies is one of the clinically important zoonotic disease-causing numerous deaths in India due to stray dog bites, cats and even pet animals an awareness programme among the young children will help in controlling this disease. A total of about 58 Govt. high school students from Gonikoppal were present in the programme and Dr. Suresh S.C SMS(Livestock) taught about importance of control of rabies and about the importance of vaccination against this disease in pet dogs, cats and domestic animals and also taught about importance of post animal bite anti-rabies vaccination and its schedule.



Capacity development programme on Scientific oyster mushroom cultivation

ICAR-KVK Gonikoppal, Kodagu, in collaboration with the Department of Agriculture, organized a capacity development programme on Mushroom Cultivation for farm women from Somwarpet and Suntikoppa villages on 14th August 2025. Mr. Veerendra Kumar, SMS (Plant Protection), delivered a session on the different types of edible mushrooms and their cultivation techniques. This was followed by a hands-on demonstration on mushroom cultivation by Smt. Veena, Lab Assistant, and Smt. Rahmi Bhanuprakash, a successful mushroom entrepreneur. To highlight the business opportunities, Mr. Avinash, a KVK-trained mushroom entrepreneur, shared valuable insights on the marketing aspects of mushroom cultivation. In total, 32 farm women actively participated and received training through this programme, gaining both practical skills and entrepreneurial knowledge in mushroom cultivation.



Group discussion

ICAR-KVK, Kolar organised a group discussion on “Importance of liquid microbial consortia, biopesticides, and Integrated Pest Management (IPM) of mites and leaf roller in mulberry cultivation” at Minajenahalli cluster village, Mulabagal taluk, on 01.08.2025 as part of the Front Line Demonstrations under the SCSP programme 2025–26. Dr. Manjunatha Reddy T. B., Scientist (Plant Protection), highlighted the role of bioagents and their applications in field crops and mulberry, Dr. Shashidhar K. R., Scientist (Sericulture) elaborated on the significance of liquid microbial consortia, bioagents, and IPM practices in mulberry cultivation. Critical inputs were distributed to the identified FLD farmers to initiate demonstrations at the field level. The programme was graced by Smt. Lavanya, Assistant Director of Sericulture, and Sri Srinivasa Gowda, Sericulture Extension Officer, Mulabagal. Around 20 sericulture farmers participated and benefitted from the programme.



Training of Trainers (ToT)

ICAR-KVK, Kolar in collaboration with KSDA Kolar and KOF Bengaluru, organised a Training of Trainers (ToT) programme under the NMEO-OS scheme from 30th July to 1st August 2025. The programme was presided over by Dr. Shivanand V. Hongal, Senior Scientist and Head, ICAR-KVK Kolar, with Smt. Suma, Joint Director of Agriculture, as the Chief Guest. The event was attended by Dr. Shankarappa T.H., Professor, Smt. Lakshmi, DPD-ATMA, Agricultural Officers, ATMs, BTMs, Surveyors, KOF staff, and selected FFS farmers, with a total of 30 participants.

Technical sessions were delivered by experts including Mr. Gangadhar Narabanchi; Dr. Anil Kumar S., Scientist (SS&AC), Dr. Manjunatha Reddy T. B., Scientist (Plant Protection), Dr. Chikkanna, Scientist (Home Science), Dr. Viswanath Biradar, Dr. Shankarappa, and Dr. Shashidhar K. R., Scientist (Sericulture). The sessions covered topics such as Good Agricultural Practices (GAP) in groundnut, NMEO-OS scheme guidelines, new molecules for pest and disease management, oil extraction and value addition, safe use of pesticides, and application of waste decomposer. As part of the programme, a method demonstration on Neemastra was conducted, along with field visits to Dodanahalli and Holamballi villages of Kolar district to showcase new technologies. The programme was successfully coordinated by Dr. Anil Kumar S., Soil Scientist, ICAR-KVK Kolar.



Latitude: 13.133499
Longitude: 78.178635
Elevation: 841.88±13.0 m
Accuracy: 26.34 m
Time: 01/07/2025 12:27



Latitude: 13.133698
Longitude: 78.179471
Elevation: 844.48±31.1 m
Accuracy: 6.641 m
Time: 01/07/2025 12:28

Live telecast of PM Kisan Samman Nidhi 20th instalment release event

ICAR-KVK, Kolar organised the live telecast of the 20th instalment release of PM Kisan Samman Nidhi by the Hon’ble Prime Minister of India Shri. Narendra Modi on 02.08.2025. The event was graced by Shri Mallesh Babu M., Hon’ble Member of Parliament, Kolar Lok Sabha Constituency, Smt. Suma M., Joint Director of Agriculture, Kolar and Dr. Raghavendra K. Mesta, Dean, College of Horticulture, Kolar. The programme was presided over by Dr. Shivanand V. Hongal, SS&H, KVK, Kolar. The programme also featured a group discussion and interactive sessions with farmers on natural farming and the application of bio agents. Around 150 farmers from Kolar district actively participated and benefitted from the event.



Capacity building programme on Good Agricultural Practices (GAP) in groundnut under the NMEO-OS scheme

ICAR-KVK, Kolar, in collaboration with KSDA Kolar and KOF Bengaluru, organized training programmes on Good Agricultural Practices (GAP) in Groundnut under the NMEO-OS scheme at Hiranayagowdanahalli and Perumakanahalli villages of Byrakoor Hobli, Mulbagilu Taluk on 05.08.2025. The programmes witnessed the participation of ADA Ravi Kumar, Agricultural Officer Mr. Akshay, Progressive Farmer Shri. Dharmalingam, and about 75 farmers. Following the technical sessions, the team visited groundnut fields and interacted with farmers, discussing field-level challenges, and suggested suitable Integrated Crop Management (ICM) practices for sustainable cultivation. The programme was coordinated by Dr. Anil Kumar S., Soil Scientist, ICAR-KVK Kolar.



Off campus training program on Role of biopesticides on field crops and mulberry

On 19.08.2025 ICAR- KVK Kolar organised an off campus training program on Role of biopesticides on field crops and mulberry at Abbigere Hosahalli cluster village of Bangarpet taluk as a part of SCSP Programme. Dr Manjunath Reddy T B., Scientist (Plant Protection) briefed on the Role of biopesticides on Soil borne diseases of field crops. Dr Shashidhar KR., Scientist (Sericulture) explained the importance of biopesticides and its application in mulberry. Dr Anil Kumar, S., Scientist (Soil Science) briefed about the Soil fertility management through biofertilizers. Distributed Trichoderma, Pseudomonas to SC farmers. Around 20 farmers participated in the programme.



Parthenium Awareness Week from 16 to 22 August 2025

ICAR-KVK Kolar celebrated Parthenium Awareness Week from 16 to 22 August 2025, during which a mass Parthenium weed removal campaign was organized. Parthenium at KVK, Kolar campus was organized on 19th, 21st & 22nd of August 2025. Faculty members, technical and supporting staff, B.Sc. students from COH Hiriyyur, and contractual workers actively participated in removing Parthenium weeds at the KVK premises. The programme was attended by Dr. A. Siddiki, Joint Director, RC IPMC, GOI, Bengaluru; Dr. V. Nache Gowda, Former Director of Research, UHS Bagalkot, Dr. Anil Kumar S, Scientist (SS&AC) Dr. Manjunatha Reddy T.B., Scientist (PP), Dr. Shashidhar K.R. Scientist (Sericulture) and Dr. Chikkanna G.S, Scientist (Home Science) who emphasized the importance of observing Parthenium Awareness Week to educate farmers and the public on the menace of Parthenium. They highlighted that Parthenium is a poisonous, pernicious, problematic, allergic, and aggressive weed causing serious health problems in humans and livestock, besides deteriorating the environment and reducing productivity and biodiversity. It is considered a major cause of dermatitis, asthma, nasal-dermal, and nasal-bronchial diseases in India and Australia, and also reduces the aesthetic value of parks, gardens, and residential areas while blocking common pathways. The experts further explained various control measures, particularly the use of biological control through the Mexican beetle in India, which effectively feeds on and suppresses the growth of Parthenium.



“Science for Sustenance: Microgreen Training for Parents of Special Children”

With the objective of empowering parents of children with intellectual disabilities, the initiative seeks to provide structured handholding support aimed at alleviating psychological stress while equipping them with the skills and resources required for sustainable self-employment and income generation. The program is thoughtfully designed to ensure that these parents can engage in productive livelihood activities without compromising the continuous care, supervision, and emotional well-being of their differently-abled children at home. A vocational training programme for six days (21 – 28 July 2025) on microgreen cultivation was organized at Vimalahridayam Special School, Kollam. The initiative was jointly undertaken by the Collector Office, Kollam, Canara Bank Rural Self Employment Training Institute (RSETI), Kollam, Krishi Vigyan Kendra (KVK), Kollam, and the Social Justice Department, Government of Kerala. The programme aimed to equip parents with practical skills in microgreen production, plant protection, and value addition, enabling them to initiate home-based entrepreneurial ventures without compromising the care and supervision of their children.

The technical sessions were led by experts from KVK, Kollam: Dr. Saroj Kumar, Assistant Professor (Horticulture) – delivered an informative session on microgreen production techniques. Dr. Lekha M, Assistant Professor (Agricultural Entomology) – handled the session on microgreen plant protection strategies. Smt. Shamsiya A.H, Assistant Professor (Community Science) – conducted a session on value addition and product diversification using microgreens. The interactive training focused on hands-on demonstrations, scientific cultivation practices, and innovative approaches for developing self-reliant income-generation activities. The programme received positive feedback from the participants, highlighting its potential to improve livelihood security while promoting nutritional awareness and entrepreneurship among parents.



27 ICAR-KVK, KOPPAL (GANGAVATHI)

Training programme on Nutri-garden

ICAR-KVK Koppal organised training programme on Nutri-garden for year round nutritional security among farm families under SCSP scheme at lakmapura village, Koppal district. The programme was inaugurated by Raghavendra Yaligar, Senior scientist and Head gave presidential remark. Dr. Kavitha ullikashi, Home Scientist, adress the programme regarding importance of nuti-garden for farm families and awareness about malnutrition and micronutrient deficiencies, particularly in vulnerable populations like women and children. Nutrigarden provide access to fresh, chemical-free produce, which is essential for good health and also ensures household food security and reduce social inequalities. Dr. Jyothi R, Scientist(Horticulture) explained the importance of raising Amla, jamun and drum stick and medicinal plants in the nutrigarden and generation of additional income from nutrigarden. Mrs. Revathi R M, scientist (Plant pathology) explained the integrated pest and disease management by using neemastra, bhramastra and importance of natural farming.



Training programme and distribution of Roti-making machine

ICAR-KVK Koppal organised training programme and distribution of Roti-making machine to SC women members of SHG’s of Koppal district. The programme was inaugurated by Dr. Sivashankar N, Director of Extension, UAS, Raichur by pouring water to plant and spoke about empowering women in agriculture is crucial for achieving food security, economic growth, and gender equality. By providing women with access to resources, training, and opportunities, we can unlock their full potential and build a more sustainable and resilient agricultural sector. This includes initiatives like providing equal access to land, credit, and technology, as well as promoting their recognition and value in agriculture with his presidential remarks. Dr. Kavitha Ullikashi, Home Scientist, gave the value addition in roti making, branding and income generating ways for SHG’s. The technical staff and more than 60 SHG womens were participated in the programme.



PM Kisan Samman Nidhi- Release of 20th Installment

The PM Kisan Samman Nidhi, 20th installment release organized on 2nd August 2025 at KVK Kottayam was inaugurated by Adv. Francis George, Hon'ble Member of Parliament, Kottayam. The event witnessed the active participation of 211 farmers from different parts of the district. On this occasion, quality planting materials and micronutrient mixtures were distributed to farmers, ensuring direct benefits and support for sustainable agricultural practices. The Sannelan created a platform for meaningful farmer interaction, experience sharing, and awareness building on various central schemes.

Dr. Jayalekshmi G., Senior Scientist and Head, KVK Kottayam, delivered the keynote address focusing on the major theme of the programme—effective utilisation of Central Government funds by farmers for agricultural growth and livelihood security. The program concluded with a strong message on farmer empowerment and welfare of farming communities.



Technology Day- Kottayam district level programs

The Kerala Agricultural University observed Technology Day across all blocks of Kerala on Tuesday. The district-level celebrations of Kottayam district organized at Marangattupally by KVK Kottayam, showcasing the latest agricultural innovations and honoring outstanding farmers.

Adv. Francis George, Hon'ble Member of Parliament, Kottayam inaugurated the program, emphasizing the role of scientific technologies in strengthening Kerala's farm sector. On the occasion, the best farmers' award was presented to Sri. T. K. Kuttappan and Sri. Robin by block panchayat president Sri. Raju John, recognizing their exemplary contributions to agriculture.

A key highlight of the event was an exhibition on KAU technologies, which drew wide participation from farmers and the public. Various KAU technologies like Ayar, KAU Sampoorna multimix, Psuedomonas, Trichoderma cake, VAM etc. were distributed to the farmers from the technology exhibition stall set up by KVK Kottayam. A detailed session on use of these technologies were handled by Sri. Manuel Alex, Assistant Professor, KVK Kottayam.



29 ICAR-KVK, KOZHIKODE

PM Kisan Samman Nidhi release (20th installment) live streaming

The 20th installment of the "Pradhan Mantri Kisan Samman Nidhi" (PM-KISAN) release was live streamed at KVK, Peruvannamuzhi on 2nd August 2025. Trainings on "Bush pepper production" and "Spices value addition" were organized in connection with the programme. An exhibition to showcase various technologies in spice production, plant protection, plant propagation, natural farming, value addition and aquaculture and session on financial literacy by Smt Alphonsa, Lead bank officer was also organized at KVK. The programme was inaugurated by Sri N.P. Babu, Perambra Block panchayat President and was presided by Dr. P Ratha krishnan, Principal Scientist and Head KVK. The programme was attended by 111 individuals including farmers and extension functionaries. The participating farmers were distributed with pepper cuttings, biocapsules and Agarbathis.



Sri N.P. Babu, Perambra Block Panchayat President distributing inputs to farmers



Live streaming of PM-KISAN fund release function

Krishi Choupal Live Streaming

Live streaming of Krishi Choupal programme (9th Episode) was organized at KVK Peruvannamuzhi Kozhikode on 9th August 2025 in which 24 individuals participated. An awareness class on pest and disease management in Coconut was organized along with the programme. The programme was inaugurated by Dr. P Ratha krishnan, Principal Scientist and Head KVK and the classes were handled by Dr. Aiswariya K .K, Subject Matter Specialist (Plant Protection). During the programme Solar LED Blue light (as wild animal scarer) were provided to two farmers group from Kayanna panchayat and pepper rooted cuttings were distributed to all the attendee farmers.



Live streaming of Krishi Choupal programme



Distribution of Solar LED Blue lights

30 ICAR-KVK, LAKSHADWEEP

Fish Pickles and Financial Discipline: The Story of Lakshadweep's DNHGs

In the vibrant islands of Lakshadweep, a remarkable network of 370 DweepaShree Neighborhood Groups (DNHGs) is empowering over 4,400 women across the ten inhabited islands. The Self Help Groups (SHGs) are termed as Neighborhood Groups (NHGs) in Lakshadweep. The activities of NHGs are varied and considered as prominent small producers from coconut and fish. One of the important value added fish product fish pickle is largely produced by these NHGs in Lakshadweep using the abundant tuna fish resources. KVK has been requested by the Lakshadweep Administration towards evaluating proposals for entrepreneurship promotion in fish pickle making. Hence, to be conversant and efficient in evaluating the proposals the KVK organized a rapid survey to understand the status of this vital enterprise.

These groups operate under a well-structured three-tier system consisting of Neighborhood Groups (NHGs) at the base, Area Level Federations (ALFs) as the middle tier, and Island Level Federations (ILFs) at the apex. A total of 47 ALFs and one ILF in each island have been established to coordinate, guide, and support the NHGs. Among the islands, Minicoy has the highest number of NHGs (61), followed by Amini (58), Kavaratti (54), and Kalpeni (39). In terms of membership, Amini leads with 764 members, followed by Minicoy (722) and Kavaratti (673). The NHGs are engaged in regular activities such as savings, internal lending, timely repayments, and proper book-keeping, reflecting strong community participation and financial discipline.

Kavaratti has 43 Neighborhood Groups (NHGs) with 470 members affiliated through the Area Level Federation to the Island Level Federation. NHGs gain legal recognition by affiliating with an ALF, which coordinates between the NHGs and the ILF. Many NHGs across Lakshadweep, including nearly 30 in Kavaratti, actively engage in fish pickle production—a key livelihood activity involving around 300 self-help groups statewide—supporting women's economic empowerment and local sustainability.

Dr. Raju C. A., SMS (Home Science) and Dr. Ansul, SMS (Vegetable Sciences) of KVK conducted a rapid survey on the fish pickle production units and reviewed the raw material sourcing, production capacity, economics, branding, packaging, market access, and seasonal constraints. The team also evaluated the employment generation, training, technology adoption, and FSSAI compliance among these NHGs. The team evaluated the quality and entrepreneurial initiative of the groups. Few recommendations on the possession of hygienic processing facility, food safety measures, Nutritional labelling, Organic certification, Advanced preservation, and Enhanced packaging. Strategic emphasis was placed on branding, FSSAI licensing, and expanding to the mainland market. . The KVK has been closely working with the Department of Rural Development, UT administration of Lakshadweep in promotion of such enterprises. The collaboration was strengthened during the COCOFEST organized by KVK.



Baseline Survey of Seaweed Diversity at Agatti Islands of Lakshadweep

Recognizing the ecological and economic potential of seaweeds in the Lakshadweep archipelago, KVK-Lakshadweep, under ICAR-CMFRI, conducted a comprehensive baseline survey-third round to document the diversity and distribution of seaweed assemblages along Agatti Island's coastline. The survey revealed a rich diversity of genera including *Ulva*, *Halimeda*, *Chaetomorpha*, *Caulerpa*, *Sargassum*, and *Acanthophora*. These findings highlight the critical role of seaweeds in coral reef ecosystems, contributing to reef health and marine biodiversity, while addressing the existing knowledge gap in Lakshadweep's seaweed flora. It could be inferred from the survey that there were no typical species found from the island and all were common as found in the other islands. The data collected will form the basis of a comprehensive repository on seaweed resources in Lakshadweep, guiding future research, conservation efforts, and community-driven development initiatives focused on sustainable seaweed based livelihoods. This repository will enable KVK to provide targeted Extension Advisory Services, ensuring that seaweed culture development aligns with environmental feasibility and socio-economic conditions. Through this initiative, KVK-Lakshadweep underscores its commitment to preserving the region's unique coral reef ecosystems while promoting sustainable livelihoods for island communities. The baseline survey was led by Mr. Sagar Vitthal Shinde, Subject Matter Specialist (Aquaculture)



Transforming Island Resilience: Lakshadweep Hosts Climate-Focused Workshop

In a significant step toward fostering climate resilience in India's island territories, an online workshop titled "*Transforming Food, Land, and Water Systems to Combat the Climate Crisis – Lakshadweep*" was held virtually on 14 August 2025. Jointly organized by ICAR-NBSS&LUP and ICAR-ATARI, Bengaluru, and hosted by KVK-Lakshadweep, ICAR-CMFRI, the event connected experts and participants with a local gathering at Kavaratti. The workshop brought together scientists, farmers, extension personnel, and policymakers to discuss region-specific challenges and solutions. A distinguished expert panel, including senior scientists from ICAR institutions across southern India, offered insights into the impact of climate change on Lakshadweep's fragile ecosystem, highlighting issues such as rising sea levels, soil salinization, declining productivity in coconut-based systems, and increasing pest pressures many of which are driven by changing weather patterns and local emissions.

The workshop emphasized the urgent need for integrated and climate-resilient strategies tailored to the island's unique geography. Recommendations focused on promoting sustainable food systems through integrated coconut-fisheries farming, intercropping, homestead agroforestry, and value-added organic produce branding under "Lakshadweep Naturals." Land management strategies included precision farming, terrace and grow bag cultivation, and organic soil enrichment. In water and energy domains, the promotion of rainwater harvesting, soil-water conservation, and solar energy adoption were underscored, alongside marine biodiversity conservation and ornamental fisheries. The workshop concluded with a strong call for a holistic, island-specific development roadmap that blends traditional knowledge with modern science to ensure a food-secure, climate-resilient future for Lakshadweep.

Dr. V. Ramamurthy, Principal Scientist & Head, RC ICAR-NBSS & LUP, Bengaluru initiated the proceedings of the workshop. Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru, spoke about the Workshop and the objectives. Dr. Dharmurajan, Senior Scientist, ICAR-NBSS & LUP presented a lead note through a literature review on Transforming Food, Land, and Water Systems in Lakshadweep. Dr. N. G.

Patil, Director, ICAR-NBSS&LUP provided a brief and initiated the panelists to provide their insights on the theme.

The panelists of the workshop were Dr. C. Thamban, Former Principal Scientist, ICAR-CPCRI, Kasaragod, Dr. B. T. Rayudu, Principal Scientist, ICAR-ATARI, Bengaluru, Dr. Shinoj Subramanian, Head, KVK-Ernakulam, Dr. Jayalakshmi, Head, KVK-Kottayam, Dr. Shameena Beegum, Senior Scientist, ICAR-IISR, Kozhikode, Dr. Manojkumar, T. S., Head, KVK-Kasaragod, Dr. Benjamin Mathew, SMS, KVK-Kasaragod, Dr. P. N. Ananth, Principal Scientist and Head, KVK Lakshadweep and Dr. Abdul Azeez, P, Scientist, ICAR-CMFRI Field Laboratory The workshop was coordinated by Dr P N. Ananth, Head, Dr Abhishek Das, SMS (Soil Science) of KVK and Dr Abdul Gafoor, V.M.



Launch Meeting of Matsyamela-2025

The Launch Meeting of Matsyamela-2025, Lakshadweep’s upcoming fish festival, was held on 22 August 2025 at Kavaratti. Organised by KVK-Lakshadweep, ICAR-CMFRI, the Department of Fisheries, UTLA, and other partners, the event served as a curtain raiser for the main festival scheduled from 16 to 18 December 2025. The festival aims to boost development in the fisheries sector and highlight Lakshadweep’s potential as a key seaweed cluster under India’s Blue Economy mission. Dr. P. N. Ananth, Head of KVK-Lakshadweep, presented the event blueprint and shared insights from the successful Coco Fest 2024. Experts including Dr. KK Idrees Babu, Dr. Abdul Gafoor, Dr. Abdul Azeez, and Mr. Jafer Hisham addressed the gathering, discussing opportunities for fish marketing, value addition, and sustainable development.

Shri Buzar Jamhar, DANICS, Director of Fisheries, UT Administration of Lakshadweep, attended as Chief Guest and officially launched the logo and promotional materials of Matsyamela-2025. In his address, he encouraged active public participation in development initiatives and reiterated the government’s commitment to promoting Lakshadweep as a seaweed hub to boost local livelihoods. The launch meeting drew around 200 participants, including fishermen, SHG members, and government officials. The event concluded with a vote of thanks by Mr. Sagar Vitthal Shinde, Subject Matter Specialist (Fisheries), KVK-Lakshadweep.



PM Kisan Samman Nidhi Programme and Mushroom Cultivation Training

The PM Kisan Samman Nidhi programme was organized on 2nd August 2025 at the KCAEFT Seminar Hall, Tavanur. The programme was inaugurated by Dr. Jayan P. R., Dean, KCAEFT, Tavanur, in the presence of Smt. Sree Lekha, Deputy Director (Credit), Department of Agriculture, Malappuram, and Dr. Priya G. Nair, Programme Coordinator, KVK Malappuram. Subject Matter Specialists of various disciplines from KVK Malappuram also attended the event.

The programme witnessed the participation of 210 farmers from different parts of Malappuram district. The sessions highlighted the objectives of PM Kisan Samman Nidhi and its role in supporting farmers' income and strengthening agricultural development. The presence of dignitaries and active farmer participation made the event highly impactful.

As part of the technical session, a training on Mushroom Cultivation was conducted by Dr. Lilia Baby, Assistant Professor (Community Science), KVK Malappuram. The training provided practical knowledge on mushroom production and value addition, encouraging farmers to adopt innovative practices for enhancing income and livelihood security.



Conducted training class on natural farming for DAESI

Training has been conducted by Dr. Jasna V. K. (SMS, Agril. Extension) and Dr. Sreena K. S. (SMS, Agronomy) on the topic of natural farming on 12/08/2025 for diploma students (Diploma in Agricultural Extension services for input dealers). The primary objective of the training was to equip DAESI participants with knowledge and practical skills in Natural Farming practices, focusing on low-cost, eco-friendly, and sustainable methods to reduce dependence on chemical inputs while enhancing soil health and crop productivity.



Farmers' Day Celebration and Felicitation Programme- 17th August 2025

The Evergreen Samiti of Ponnani Cultural World Foundation, in association with KVK Malappuram, organized the Farmers' Day Celebration and Felicitation Programme on 17th August 2025 at Naripparamba. The event brought together farmers, scientists, and local leaders to honour the contributions of the farming community and to acknowledge their role in ensuring food security and agricultural development in the district. A major highlight of the programme was the awarding of the prestigious Ponkathir Puraskar, which this year

was conferred upon Sri. K. M. Sajeer of Malappuram district for his outstanding contributions in the field of farming. The award was formally handed over by Sri. K. G. Babu, President of the Gram Panchayath, in a function attended by a large gathering of farmers and dignitaries.

On the occasion, Dr. Lilia Baby, Assistant Professor of Community Science, KVK Malappuram, delivered the Farmers' Day message, highlighting the importance of sustainable practices, innovation, and community-level adoption of scientific technologies in farming. She also felicitated the best small-scale farmers who were recognized for their exemplary work in agriculture, further inspiring others to adopt progressive practices. The celebration served as a platform to honour and motivate the farming community, while also reinforcing the message that farmers remain the backbone of society. The event concluded with a call to continue collaborative efforts to strengthen agriculture in Malappuram district through innovation, dedication, and collective spirit.



Celebrating farmers' hard work: Farmers' day celebration and farmer felicitations

In a different gathering, Farmers' Day training programme on "Crop Health Management" was organized by Krishi Bhavan, Ponnundam, and led by Dr. Jasna V.K. Assistant professor, Agricultural Extension, KVK Malappuram for the farmers of the panchayath. The session aimed to enhance farmers' knowledge on sustainable



crop health practices, focusing on early pest and disease diagnosis, use of resistant varieties, eco-friendly plant protection measures, and soil health management. Practical demonstrations and guidance on Integrated Pest Management (IPM) techniques were provided, along with insights into recent advancements in crop protection. The programme engaged farmers through discussions on field-level challenges and solutions, and concluded with positive feedback appreciating the training's relevance in promoting sustainable and scientific farming practices.

KAU Technology Day Celebration – August 26, 2025

The Kerala Agricultural University (KAU) observed Technology Day on 26th August 2025 across different blocks of Malappuram district through the Block Level Agricultural Knowledge Centres (BLAKC). The programme aimed to showcase and popularize the innovative technologies developed by KAU and to strengthen the bond between scientists and farmers through demonstrations, classes, and farmer–scientist interactions.

In Nilambur block, the celebrations were led by Dr. Visakh N. U., Assistant Professor (Agricultural Entomology), who coordinated various activities including technology demonstrations and interactive sessions with farmers. In the Malappuram block, Dr. Jasna V. K. Assistant Professor (Agricultural Extension) guided the programmes, focusing on training sessions and awareness classes related to crop production and protection technologies. Angadipuram block witnessed active participation under the leadership of Dr. Sreena K. S., Assistant Professor (Agronomy), who emphasized field demonstrations and consultations highlighting sustainable agricultural practices. At Ponnundam, Dr. Lilia Ababy Assistant Professor (Community Science) directed the events with special focus on integrated pest management, value addition, and modern farming techniques.

The district-level Technology Day celebration was conducted at Valanchery block under the leadership of Dr. Priya G. Nair, Head of KVK, Malappuram. The programme attracted wide participation from the farming community and featured technology demonstrations, expert lectures, field days, and direct interaction between

farmers and scientists. A major highlight of the day was the recognition of a model farmer who had successfully adopted KAU technologies in his field. He was honoured with a memento and farm inputs as a token of appreciation, symbolizing the University’s commitment to promoting farmer role models who can inspire others to adopt scientific practices.

The celebrations across all blocks created a vibrant atmosphere of learning and sharing. Farmers were able to witness the practical application of KAU technologies in the field, gain valuable insights from scientific classes, and directly interact with experts to clarify their doubts. The enthusiastic participation of both farmers and scientists ensured that the programme was not only a platform for technology dissemination but also a celebration of the partnership between KAU and the farming community. Overall, the Technology Day 2025 served as an important milestone in strengthening agricultural innovation and promoting sustainable farming practices in Malappuram district.



Nilambur Block



Perinthalmanna block



Malappuram block



Ponmudam block

“Krishi sakhhi programme”

ICAR-Krishi Vigyan Kendra, V.C.Farm, Mandya organized six days training programme of Krishi-saki-module-3 in collaboration with SANJEEVINI- Karnataka State Rural Livelihood Promotion Society Department of Skill Development, Entrepreneurship and Livelihood, GoK from 11.08.2025 to 16.08.2025 on Agro-ecological practices for community resource persons (30 Krishi sakhhi) of farm livelihood. The aim of the training was to upgrade the knowledge of krishi saki's for improving the sustainability in Agriculture. The concepts of soil testing and use of soil health card, agronomy practices, land measurement, preparation of different types of nursery and management in different crops, Agro-ecological practices-major pests in crops and management, types of irrigation methods and management, storage pests and their management were highlighted during the programme. To gain hands on experience with respect to the pest management, preparation and use of Neem asthra and Beejamrutha was provided. To foster the confidence among the krishi saki's group presentation were organized for addressing the field problems in which the saki's proved their capacities. During the closing session Senior Scientist and Head appreciated the saki's for their active involvement in the programme and in the farmers field for addressing the issues.



Pradhan Mantri Kisan Samman and training in production technology in paddy cultivation

On 02.08.2025, ICAR JSS Krishi Vigyan Kendra, Suttur hosted a live broadcast of the 20th Pradhan Mantri Samman Nidhi program and a workshop on paddy production technologies for *Kharif* crops. Shri Ravi, Deputy Joint Director of Agriculture, inaugurated the event. Progressive farmer Shri Gopal discussed the medicinal benefits of black rice (Kalajeera and Chalkhow). Shri Prabhuswamy, President of Bharatiya Kisan Sangh's Nanjangud unit, also present in the event. Over 130 farmers participated.



National Horticulture Day Celebration and Beekeeping Training

On 08.08.2025, a National Horticulture Day event and a beekeeping training program were held at KVK to mark the birth anniversary of Dr. M.H. Marigowda, known as the father of horticulture in India. The program was inaugurated by Dr. K.S. Boregowda, a retired KAS officer. Mr. Ravi, an experienced beekeeper and resource person for the training, discussed topics such as the history of honey, the beginnings of beekeeping, stingless bees, other honey varieties, bee behaviour, and scientific methods of beekeeping. Over 70 farmers participated in the training program.



Sheep and Goat Farming Training Program

A three-day sheep and goat farming training was held for livestock entrepreneurs from 18.08.2025 to 20.08.2025 in collaboration with the Centre for Animal Husbandry Excellence, Government of India, Hesaraghatta, Bangalore. Dr. H. Theggi inaugurated the event, Dr. Mohan Kumar, Assistant Director, Animal Husbandry and Veterinary Services Department, Nanjangud was present at the program. Over 60 rural youth participated.



Ginger crop training at H.D. Kote

On 25.08.2025, a training session on scientific cultivation of ginger and other horticultural crops was held at Ganshed village in HD Kote taluk, organized in collaboration with KVK and the Horticulture Department, HD Kote. Dr. B.N. Gnanesh, Senior Scientist and Head discussed the role of soil and water testing in agriculture and horticulture. Dr. Vinay G.M. provided information on various aspects of horticulture, including land preparation, planting, and nutrient management. Dr. Prasad Y.P. spoke about integrated pest and disease management in horticultural crops. More than 80 farmers attended the event.



Visit of Honourable Shri Shivraj Singh Chouhan Ji, Union Agriculture Minister, Government of India, to the Coconut-Based Intercropping System field at Mysuru on 29th August 2025

The Honourable Union Minister of Agriculture, Shri Shivraj Singh Chouhan, visited the field of progressive farmer Sri Lakshmaiyya Sriramu in Varuna, Mysuru, who has been cultivating crops under the technical guidance of ICAR JSS Krishi Vigyan Kendra (KVK), Mysuru. The Honourable Member of Parliament from Mysuru, Shri Yaduveer Krishnadatta Chamaraja Wadiyar, also accompanied him. The event was organised by ICAR JSS KVK, Suttur, Mysuru, under the guidance of Dr. M. J. Chandregowda, Principal Scientist, ICAR-ATARI, Bengaluru. Mysuru District Commissioner, officials from agriculture and allied departments, and more than 50 farmers participated in the programme.

The progressive farmer has been cultivating more than 15 horticultural crops, including ginger, papaya, banana, sapota, coconut, and mango, on four acres as intercrops. He practices organic farming techniques and adopts multiple/multilayer cropping systems, agroforestry, and integrated nutrient management technologies, including the use of biofertilizers under the guidance of ICAR JSS KVK.



The Honourable Minister interacted with progressive farmer and appreciated the intercropping of ginger with coconut. He noticed the ginger crop and enquired about the recent incidence of leaf spot disease and its management practices. The farmer explained that timely interventions and guidance from KVK scientists, including the application of appropriate chemical sprays, had helped in reducing the disease and restoring crop health.

The Honourable Minister also noticed the plantation of *Nanjangud Rasabale*, a banana variety with Geographical Indication (GI) status and recognised as the One District One Product (ODOP) crop of Mysuru district. Shri Yaduveer Krishnadatta Chamaraja Wadiyar highlighted its unique features, including lower sugar content, making it suitable for people with diabetes.

The Honourable Minister discussed the challenges faced by farmers in cultivating *Nanjangud Rasabale* and enquired about departmental subsidies. Dr. Gnanesh BN, Senior Scientist and Head, along with other KVK scientists, briefed him about the severe impact of Panama wilt disease on banana crops and the subsidy support of Rs. 55,000 per hectare provided to farmers in Nanjangud Taluk. The Minister suggested that farmers seek technical guidance from ICAR scientists to effectively manage Panama wilt disease.



Later, the Honourable Minister visited the papaya plot, where he appreciated the farmer for achieving good yields. He enquired about the interventions of KVK scientists, and the support extended to farmers in improving crop production. The discussion emphasised the collaborative efforts undertaken to optimise papaya cultivation.



The Honourable Minister recommended the adoption of diversified, multilayered cropping systems and encouraged optimal use of available land resources. Addressing the farmers, he remarked that such approaches serve as a model for sustainable intensification, enhancing income, improving resilience, and preserving local crop heritage.

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The Honourable Member of Parliament from Mysuru, Shri Yaduveer Wadiyar, felicitated the Honourable Union Minister of Agriculture, Shri Shivraj Singh Chouhan, and expressed his gratitude.

Empowering Women through Enterprise: Inauguration of SC Group Sales Outlet at Kottayi

The inauguration of a new sales outlet established by the Women SC Group, under the ICAR- ISRI SCSP scheme of KVK Palakkad, was held at Kottayi. Ideally located along the state highway, the outlet is easily accessible to the public and aims to promote the agricultural produce and value-added products of the Women SC Group, a sub-group under the Bhoomika Farmer Producer Organization (FPO). The inauguration was formally done by the Director of ATARI Zone XI, Bengaluru, Dr. V. Venkatasubramaniam. The sales outlet is a significant outcome of the VKSA programme conducted at Kottayi Panchayat, focused on empowering marginalized communities. The programme commenced with a welcome speech by Sri Sainudheen, President of Bhoomika FPO, followed by a keynote address delivered by Mr. Sivadasan, President of Kuzhalmannam Block Panchayat. In his inaugural address, Dr. Venkatasubramaniam highlighted the importance of branding in today's competitive market and emphasized the role of collective effort in the success of such initiatives. Dr. Sumiya K.V, Programme Coordinator, KVK Palakkad, spoke about the SCSP fund and its impact on supporting marginalized sections of the community. The first symbolic sale of the Onam Kit was carried out by the Block Panchayat President. Mr. A. Satheesh, President of Kottayi Panchayat, felicitated the programme, appreciating the collaborative efforts that led to the successful launch of the sales outlet. On behalf of the Women SC Group and Bhoomika FPO, President Sri Sainudheen and other dignitaries expressed their sincere gratitude to ICAR for providing the necessary financial support that made the establishment of the outlet possible.



KAU Technology Day of Palakkad

The District-level Agricultural Technology Day 2025 of Kerala Agricultural University, organized by Krishi Vigyan Kendra Palakkad in association with the Regional Agricultural Research Station (RARS), Pattambi, was held at RARS Pattambi with great participation from farmers and agricultural stakeholders. The programme was inaugurated by Sri. Muhammed Muhsin Pattambi MLA, while Pattambi Municipality Chairperson O. Lakshmikutty presided over the function. The keynote address was delivered by Dr. P. Raji, Associate Director of Research and the welcome address was delivered by Dr. K.V. Sumiya, Senior Scientist and Head, KVK Palakkad. The event was further graced by felicitations from N. Sheela (ATMA Project Director), K. Vrinda, Associate Director of Agriculture Pattambi block and Dr. B. Shanmugasundaram. On this occasion, farmers Sadashivan and Ratheesh of Thiruvegappura Panchayat, who successfully conducted technology demonstrations, were honored, along with Deepa U.V., Agriculture Officer of Vallapuzha, recipient of the State Award for Best

Agriculture Officer. and the Vallapuzha Karshika Karma Sena, winners of the State Award for Best Agricultural Team, were also felicitated. The event featured a Technology Day Exhibition, showcasing the latest agricultural innovations, technologies, and success stories, making the programme a valuable platform for knowledge sharing and farmer-scientist interaction.



Scientific Paddy Cultivation Training by KVK Palakkad in Connection with PM Kisan Samman Nidhi Programme

KVK Palakkad organized a one day seminar on Scientific Paddy Cultivation in connection with the release of the 20th installment of PM Kisan Samman Nidhi. More than 100 farmers from different parts of Palakkad district participated in the event. The training aimed to empower farmers with modern scientific practices to enhance paddy yield, adopt sustainable methods, and improve overall profitability in rice farming. Expert sessions were handled by Dr. Thulasi V. and Dr. Sumiya K. V., who provided practical insights on improved cultivation techniques, soil health management, and resource-efficient practices. The programme also featured an interactive session where farmers actively engaged with the scientists, clarified their doubts, and discussed field-level challenges, making the event highly beneficial for strengthening farmer knowledge and adoption of advanced practices in paddy cultivation.



Kisan Samman Nidhi – Live Telecast at KVK

On 2nd August 2025, ICAR-KVK Pathanamthitta organized a live telecast of the PM Kisan Samman Nidhi programme at its campus. Farmers from various parts of the district actively participated, witnessing the Hon'ble Prime Minister's address and the release of funds under the scheme. During this event, the 20th instalment of the PM-KISAN scheme was officially released by Prime Minister Shri Narendra Modi from Varanasi. A total of ₹ 20,500 crore was disbursed to 9.7 crore farmers across the country through Direct Benefit Transfer (DBT), reaffirming the government's commitment to transparency and farmer empowerment. The theme for this year's programme was "Viksit Bharat Viksit Kisan", emphasizing the vision of a developed India through the prosperity of its farmers. A total of 70 farmers including 60 % SC farmers participated in the programme. The event served as a platform to highlight the pivotal role of farmers in nation-building and the importance of inclusive growth in agriculture.

The gathering at KVK Pathanamthitta provided a valuable opportunity for the farming community to understand the continued support of the Government of India in ensuring farmers' welfare and strengthening their livelihoods. It also helped raise awareness about the objectives and benefits of the PM-KISAN scheme, which offers ₹ 6,000 annually to eligible farmers in three equal instalments.



Field Learning Made Practical: Banana String Standard Pseudostem Support System Demonstration at Erathu

The Farmer Field School (FFS) at Erathu witnessed an engaging and interactive session on 7th August 2025, with a Diagnostic Visit and Method Demonstration focusing on the banana string standard pseudostem support system. The technology, consisting of steel collar rings and 10 mm UV-stabilised plastic ropes has been designed to provide farmers with practical skills to safeguard banana crops from wind damage. The programme combined live demonstrations, expert inputs and farmer-to-farmer learning, ensuring active participation from the farming community. Farmers keenly observed the procedure, clarified their doubts and shared valuable field experiences, which enriched the learning environment. The sessions led by Dr. C.P Robert, Senior Scientist and Head, Dr. Rincy K Abraham, SMS (Horti) and Dr. Sindhu



Sadanandan, SMS (Agril. Extension), thus not only strengthened farmers' technical knowledge but also fostered a spirit of collaboration and confidence to scale up this farmer-friendly technology. The event was further inspired by the presence of Mr. Rajesh Ambadi, President of Erathu Panchayat, and Ms. Soumya Shekar, Agricultural Officer, whose words of encouragement highlighted the importance of adopting simple yet effective practices for sustainable banana cultivation in the region.

The support system, developed by Kerala Agricultural University (KAU) and refined by ICAR-KVK Pathanamthitta, stands out for being reusable, durable (8–10 years of lifespan) and highly cost-effective. Its potential for widespread adoption offers farmers an innovative way to reduce crop loss and improve resilience against climatic challenges.

79th Independence Day Celebration at ICAR-KVK Pathanamthitta

The 79th Independence Day was observed at ICAR-Krishi Vigyan Kendra, Pathanamthitta with due solemnity and patriotic spirit. The programme commenced with the hoisting of the National Flag followed by the National Anthem. All of KVK staff members, farm workers and their families, actively participated in the celebration. On the occasion, the Head of KVK addressed the gathering and highlighted the significance of the day, recalling the sacrifices made by the freedom fighters and emphasizing the responsibility of every citizen in contributing towards nation building.



Skill Development Training on Plant Propagation at KVK Pathanamthitta

ICAR-KVK Pathanamthitta successfully organized a three-day training programme on Plant Propagation from 12th to 14th August 2025, focusing on pro-tray nursery techniques, layering and budding. A total of 13 enthusiastic participants took part in the programme, gaining hands on experience in scientific nursery management and propagation practices. The sessions included live demonstrations, practical exercises and expert guidance to help participants master techniques essential for producing quality planting material and setting up profitable nursery ventures. The programme was coordinated by Dr. Rincy K. Abraham, SMS

(Horticulture), who ensured an interactive and skill-oriented learning environment. This initiative of KVK reflects its continued commitment to empowering farmers, rural youth and entrepreneurs with modern horticultural skills for sustainable livelihood development.



Trainers' Training Programme on Sunflower organized at ICAR-Krishi Vigyan Kendra, Raichur

National Mission on Edible Oils – Oilseeds (NMEO-OS) is a flagship initiative of the Government of India aimed at enhancing the production and productivity of oilseed crops in the country. As part of this initiative, a Trainers' Training Programme on Sunflower was organized from 28th to 30th July 2025 at the University of Agricultural Sciences (UAS), Raichur in collaboration with the Karnataka State Department of Agriculture (KSDA) and Krishi Vigyan Kendra (KVK), Raichur. The training programme was specially designed for officers, scientists, and extension personnel to strengthen their technical knowledge and field-level skills for promoting sunflower cultivation among farmers.

The three-day training schedule was systematically structured to cover all critical aspects of sunflower production technology. The inaugural session emphasized the importance of sunflower as a vital oilseed crop contributing to edible oil security. Experts highlighted the scope of sunflower in bridging the gap between domestic demand and supply of edible oils and its potential to improve farmers' income. The technical sessions on the first day dealt with sunflower production practices, integrated nutrient management, pest and disease management, and extension strategies. These lectures provided insights into scientific cultivation practices that can enhance productivity while ensuring sustainability.

On the second day, the focus shifted towards advanced aspects such as seed production technology, mechanization in sunflower cultivation, post-harvest management, and soil health improvement. Emphasis was also placed on marketing opportunities, processing, and the role of Farmer Producer Organizations (FPOs) in strengthening the value chain. Resource persons from UAS Raichur and KVK shared practical knowledge, case studies, and innovative approaches to address field-level challenges. This helped participants understand not only the production technology but also the entire sunflower value chain from seed to market.

The final day of the training programme involved technical sessions on sunflower hybrids, varietal performance, government schemes, and crop insurance. This was followed by a field visit to sunflower demonstration plots, where participants were exposed to real-time practices and observed the impact of scientific interventions. Such field-based exposure is vital for trainers, as it enables them to confidently transfer the technology to farmers in their respective regions.

Overall, the Trainers' Training Programme served as a comprehensive capacity-building exercise. It provided participants with updated scientific knowledge, practical exposure, and innovative extension strategies for promoting sunflower cultivation. The programme is expected to create a multiplier effect, as the trained officers and scientists will further disseminate the knowledge to farmers, thereby enhancing sunflower productivity and profitability in Karnataka.



Training Programme on Integrated management of Pink bollworm in Bt Cotton

A follow-up visit cum training programme on Integrated Crop Management (ICM) practices in cotton was organized at Heera village on 13 Aug 2025 with the active participation of scientists and extension personnel. The programme aimed to strengthen farmers' knowledge and skills on sustainable cotton production through

scientific interventions. The event was graced by Dr. Timmanna, Dr. Shreevani, Dr. Mallareddy, and Sri Shivasharana, who interacted with farmers, explained the significance of ICM practices, and demonstrated their practical application in the field.

The technical sessions during the programme emphasized the importance of Integrated Crop Management (ICM) in improving cotton yield and profitability while ensuring sustainability. Dr. Timmanna, Senior scientist & Head, ICAR-KVK, Raichur highlighted the holistic nature of ICM, which combines improved seed varieties, balanced nutrient management, judicious water use, and integrated pest and disease management practices. He stressed that farmers must adopt scientific crop planning to maximize productivity while minimizing production costs.

Dr. Shreevani G. N. Scientist Entomology, ICAR-KVK, Raichur elaborated on Integrated Pest Management (IPM) strategies in cotton and discussed the role of biological control agents, cultural practices, and need-based pesticide application in managing major insect pests such as bollworms, jassids, and whiteflies. Farmers were encouraged to adopt eco-friendly pest management practices and avoid indiscriminate use of chemical pesticides, which can lead to resistance and environmental hazards. Farmers were also educated on the use of pheromone traps, neem-based biopesticides, and conservation of natural enemies in the cotton ecosystem.

Dr. Mallareddy, scientist Agronomy, ICAR-KVK, Raichur spoke about the significance of soil health and nutrient management in cotton and highlighted the benefits of soil testing, balanced fertilizer use, incorporation of organic matter, and the role of micronutrients in sustaining crop productivity. He further explained that integrated nutrient management is an essential component of ICM, ensuring both higher yields and soil fertility for long-term sustainability.

Sri Shivasharana, Agriculture officer, Sirivara (KSDA) interacted with the farmers and emphasized the importance of timely field operations, weed management, and water-use efficiency in cotton cultivation. He also motivated farmers to adopt modern tools and machinery for efficient farm operations, thereby reducing labor costs and improving crop management.

As part of the programme, input distribution was carried out, wherein farmers were provided with critical inputs such as biofertilizers, micronutrients, and biopesticides to encourage the adoption of sustainable practices. In addition, a practical demonstration on the application of Cremit paste was conducted, where farmers were guided on its proper use for protecting cotton plants from stem-borer and sap-sucking pests. This hands-on demonstration was highly appreciated by farmers, as it provided them with a simple, effective, and farmer-friendly plant protection technique.

The team of experts, along with farmers, also undertook a field visit to nearby cotton fields. During this practical session, the scientists demonstrated identification of pest and disease symptoms, monitoring techniques, and corrective measures. Farmers were given hands-on exposure to modern crop protection tools and the application of integrated management strategies directly in the field. Such interactive sessions helped bridge the gap between scientific recommendations and farmer-level practices.

The programme concluded with an interactive discussion, where farmers shared their experiences, challenges, and feedback. The experts addressed their queries and assured continued technical support. Overall, the follow-up visit cum training programme proved to be a valuable platform for knowledge sharing, capacity building, and technology dissemination in cotton. It is expected that the farmers of Heera village will now adopt ICM and IPM practices more effectively, resulting in enhanced cotton productivity, reduced input costs, and improved environmental sustainability.



ICAR-KVK Ramanagara organized World breast feeding Week - 2025

ICAR-KVK, Ramanagara organised “World Breastfeeding week 2025” on the theme “Prioritise Breastfeeding: Create Sustainable Support Systems” at Netanahalli, Magadi taluk. Dr. Anitha, S., , Scientist (Home Science) highlighted about the importance of breast feeding, nutritional benefits of feeding breast milk to newborn, health benefits to mothers. Also highlighted about significance of colostrum and nutritional requirements for pregnant women, lactating mothers and infants and use of healthy regional foods in daily diet. Dr. Sowjanya, S., Scientist (Agril. Extension) briefed about this year theme “Prioritise Breastfeeding: Create Sustainable Support Systems” & also about the care to be taken for new-born and lactating mother and feeding mothers. Mrs. Gayathri, CDPO, Magadi briefed about various government schemes of the department & highlighted about the importance of supplementary foods given through Anganwadis and urged to make use of it for better health. Mrs. Mamtha, Anganwadi teacher, informed about the vaccination schedule, Deworming, Mother Cards and other schemes. More than 25 participants participated in the programme and were benefited.



ICAR-KVK Ramanagara organized Animal Health Camp at adopted village Halashettihalli, Magadi (T)

ICAR-KVK, Ramanagara in collaboration with RAWEP UASB Department of Animal Husbandry and veterinary Science, Magadi (t) and BAMUL, Magadi camp and Solur camp organised animal health camp on 18.08.2025 at Halashettihalli Village under UAS, Bangalore adopted village programme. Dr. Sowjanya, S., Scientist (Agricultural Extension) briefed about the importance of organizing animal health camp and highlighted about the improved varieties of fodder crops like PBN-342, BNH-10, BH-18, DHN-6, CO-5, Super napier, Guinea grass, Seteria, Tripsacum, Rhodes, Paragrass, Signal grass Lucerne, hedge lucerne, multicut fodder Sorghum (COFS-31), Subabul (Wondergraze), Chaya and said that all the fodder seeds, root slips and cuttings were made available in the KVK sales unit and farmers can avail these fodder inputs from KVK. And also explained about the importance of Azolla as a supplementary green fodder for dairy cattle. Dr. Nagabhushan, Veterinary Doctor, Department of Animal Husbandry and veterinary Science, Magadi (T) vaccinated the Cattles, Sheep and Goats with vitamins, deworming, FMD, Mastitis, Lumpy disease, Poultry pox etc. and diagnosed the health condition of pregnant cattles. During the camp Dr. Usha, Professor & Head, Dept. of Animal Husbandry, UASB & Dr. Roopa, BAMUL, Magadi (t) treated the gyne cases of cattle. Also during the camp calceemin



forte, pragma injection, ovulanta injection, tikout, sulphadimidine bolus, caflon pow, neblon powder, lixen, panacur bolus, melonex injection, cadsitin injection, belamyl injection, himalaya batisa, floratone 4bolus, melonex plus 4 bolus, tonophosphan injection, vetade, tribivet injection, bloatasil liquid, hosky and bovirum bolus etc. was distributed and used for treating the animals. Department and KVK Staffs, morethan 79 farmers/ farm women participated and morethan 150 of cattles, poultry birds (morethan 2000), Sheeps and Goats (morethan 50) was treated and vaccinated.

ICAR-KVK Ramanagara organized extension functionaries training programme on “Scientific cultivation practices of Horticultural crops”

ICAR- KVK Ramanagara in collaboration with Horticulture Department Ramanagara organised one-day training programme on “Scientific cultivation practices of Horticultural crops” for the extension officers of the Horticulture Department. The program was inaugurated by the dignitaries by pouring water to the plants. On this special occasion, Mr. Munegowda, Deputy Director of Horticulture, Bangalore South (Ramanagara) District, said that Extension officers need to be informed about scientific technologies so that they can address issues which are faced by farmers specially in crops like Coconut and Mango crops in which the yield is decreasing day by day due to weather conditions, and also due to pests and diseases. Mrs. Lavanya, Deputy Director, Centre of Excellence, Mango Development Board, Government of Karnataka, said that “Pruning” is an important farming practice in Mango which if followed every year will help in getting quality yield, mainly by removing the central branches to shape the trees and allowing the wind and sun rays to fall smoothly on all parts of the tree. Stating that more sun rays fall on the fruit, the color and quality of the fruit improves, she also shared useful information on the pruning management techniques of India-Israel, pruning in newly planted trees, high density farming system, steps to be taken after pruning and equipment required. Dr. Rajendra Prasad, B.S., Scientist (Plant Protection) briefed scientific, chemical, biological and mechanical management of major pests and diseases such as Rhinoceros beetle, black-headed carpiller, Rugose whitefly, leaf curl disease etc. found in coconut and fruit fly, powdery mildew, leaf borer, leaf spot disease etc., found in mango and also about safe use of pesticides. Dr. Deepa Pujara, Scientist (Horticulture) gave information about the cultivation methods of new horticultural crops suitable for Bangalore South (Ramanagara) such as Butter fruit, Macadamia, and soil & Nutrient management of Mango and Coconut crops. On this occasion, a field day of vegetables HA-5 field and a demonstration of Mango Pruning methods were also organized. More than 50 officers participated in this training program and gained useful information.



ICAR-KVK Ramanagara organised Awareness programme on “Natural Farming to Krishi Sakhi’s and CRP’s”

ICAR-KVK Ramanagara in collaboration with NRLM, Sanjeevini, Zilla Panchayath Ramanagara and Department of Agriculture, Ramanagara organised 1 days training programme on “Natural Farming for Krishi Sakhis”. The programme was inaugurated by lightening the lamp. During this Dr. Swetha, B.S., Senior Scientist and Head addressed the gathering and explained explained about natural farming and nutrition-importance of dietary diversity etc. Mrs. Ambika, Joint Director of Agriculture briefed the need of natural farming in the current scenario to reduce the usage of chemical fertilizer. During technical session Mrs. Preethu, D.C., Scientist

(Soil Science) explained soil health management, difference between healthy & unhealthy soil; understanding the structure of soil and its sampling methods through demonstrations, learn to read soil health card for understanding the nutritional requirements of the field. Dr. Pramod, G., Scientist (Agronomy) explained the importance of natural farming, its need, definition, principles, significance, benefits, nutrient management in natural farming, water management, integrated farming system & preparation of bio inputs, hands on training on natural farming inputs preparation like Jeevamrutha, Ghanajeevamrutha, Beejamrutha, neemasthra, agniasthra & dashparni, preparation and application of yellow sticky traps in fields etc etc. Mr. Jayakumar, Progressive Farmer shared his experience about natural farming and marketing. Totally 35 farmers were trained and were benefitted by the training programme.



38 ICAR-KVK, SHIVAMOGGA

Field Experience Training (FET) for ARS probationers

NAARM, Hyderabad as a mandatory component of its Foundation and Orientation Course for Agricultural Research Services (FOARS) six ARS probationary scientists of Fisheries, Animal Husbandry, Entomology, Genetics and Plant Breeding and Statistic disciplines at ICAR-Krishi Vigyan Kendra, Shivamogga to undergo one month duration of FET placed from 11-08-2025 to 12-09-2025.

Newly recruited scientists are learning about practical application of agricultural technologies in grassroots level, interaction with farmers, key informants and other stake holders to understand their perceptions and problems identified by them through Participatory Rural Appraisal (PRA) tool, assessed the existing agricultural challenges in village and based on their findings they are going to develop comprehensive village development plans to address identified issues in coming days. ICAR-KVK, Shivamogga also arranged exposure visit of scientists to various progressive farmers and farm-women fields, Panchayath office, Raitha Sampark Kendras, Enterprises, Nurseries and also Industrial visits under the guidance of FET co-ordinators Dr. Rudragouda, F. C., Scientist (Agronomy) and Dr. N. Sudharani, Scientist (Home Science), KVK, Shivamogga.



Three days training programme on sheep and goat farming

ICAR-Krishi Vigyan Kendra, Shivamogga in collaboration with College of Veterinary Sciences, Shivamogga organised three days training programme on sheep and goat farming for SC farmers of Shivamogga district from 04-08-2025 to 06-08-2025. The programme was inaugurated by Dr. R. C. Jagadeesha, Hon'ble Vice-Chancellor, KSNUAHS, Shivamogga. In his inaugural speech, he expressed that, sheep and goat farming offers economic and agricultural benefits, including a low initial investment, high adaptability to various climates and quick reproduction rates for rapid income generation. Farmers can earn continuous income from multiple products like meat, milk, wool, and manure.



Dr. C. Sunil, Senior Scientist and Head, KVK, Shivamogga in his key note explained the importance of training programmes on sheep and goat farming, as it is a subsidiary enterprise and profitable venture. Compared to other livestock, sheep and goats requires relatively low initial investment in housing, feed and care. Hence, participants should start this venture in a small scale to get regular income. Dr. Rudragouda, F. C., Scientist (Agronomy), KVK, Shivamogga coordinated the programme.

During the training programme different varieties in sheep and goat, disease management, vaccinations, improved fodder production technologies, silage making, scientific feed management, schemes and loans available in livestock departments were explained. One day exposure visit to progressive farmer's sheep and goat rearing unit at Govindapura village, Shikaripura taluk was organized. Totally 35 farmers participated in this training and get benefitted.

Parthenium Awareness Week

ICAR-Krishi Vigyan Kendra, Shivamogga celebrated Parthenium Awareness Week from 16 to 22 August 2025. In this connection a mass Parthenium weed removal programme was organized. During the programme Dr. R. C. Jagadeesha, Hon'ble Vice-Chancellor, KSNUAHS, Shivamogga, Dr. Sunil, C., Senior Scientist and Head, Scientists of KVK, Shivamogga, supporting staff and students participated in this awareness programme.

During the programme, Dr. Rudragouda, F. C., Scientist (Agronomy) KVK, Shivamogga explained that observation of Parthenium Awareness Week is to make farmers and general public aware about the menace of Parthenium, which is responsible for causing health problems in human beings and animals, besides deteriorating environment, loss of productivity and biodiversity.



Agri Educational Tour

An educational visit of students from Podar International School, Shivamogga visited the ICAR-Krishi Vigyan Kendra, Shivamogga on 16-08-2025. KVK Scientists educated them about agriculture activities and the Integrated Farming System. Teachers and students also visited the Food Processing Lab, Bio-Control Lab and Soil and Water Testing Lab and also visited different demonstrations units viz., poultry unit, sheep and goat rearing unit, bee park, fish farming in farm pond, bore well recharge unit, horticulture nursery units and gained comprehensive knowledge about farm activities. Further, students were also engaged in hands-on activities such as preparing seed balls, nursery tasks, feeding animals, planting the saplings etc. A total of 270 students participated and admired the various farm activities.



Diagnostic visit to problematic maize plots

ICAR-Krishi Vigyan Kendra, Shivamogga in collaboration with Department of Agriculture conducted diagnostic field visit to Kunchenahalli village of Shivamogga taluk on 05-08-2025. The plots were identified by incidence of fall armyworm and downy mildew. The farmers were demonstrated on identification of fall armyworm damage and downy mildew disease with suitable management strategies. Use of pheromone traps for mass trapping of adults and whorl application of Chlorantraniliprole and chemical spray with Emmamectin Benzoate. For downy mildew, spray of Chlorothalanyl. Visit conducted by Dr. Girish, R., Scientist (Plant Protection), Dr. Rudragouda, F. C., Scientist (Agronomy) and Mr. Ramesh, ADA, Shivamogga. Totally 28 farmers were educated in this visit.



RAWE Students Placement

Final year B. Sc. (Hons.) agriculture and Horticulture students' of College of agriculture, Iruvacki and Horticulture College, Hiriyur, placed to the ICAR- KVK, Shivamogga for the placement from 18.08.2025 to 30.08.2025. During the placement period students were oriented about the mandates and objectives of the KVKs and practical exposures to the experimental & demonstrational farms/units & outreach activities, opportunity in organizing / laying out of mandated activities i.e. Capacity building, FLDs, OFTs, diagnostic visits, farm trials, experiments, etc. They also involved in the soil sampling, nursery techniques, seed sowing, terrace gardening, organic farming, Integrated farming system, cashew processing unit, chocolate making, bakery products making, fertilizer application, honey bee and learning integrated pest management techniques. The students also visited the agriculture and horticulture demo units, laboratory like Bio control lab, Soil and Water testing laboratory, Food Processing lab, Cocoa processing unit and IFS model unit at KVK. The students also visited the different progressive farmer's field and gained the practical knowledge about the farm activities.



39 ICAR-KVK, THRISSUR

Kerala Agricultural University Agricultural Technology Day – District level programme celebrated at ARS, Chalakudy

Inauguration of the district level Agricultural Technology Day celebrations was done on 26th august at the Agronomic Research Station, Chalakudy. As part of the Block Level Agricultural Knowledge Centre (BLAKC) initiative jointly implemented by the Kerala Agricultural University (KAU) and the Department of Agriculture, Agricultural Technology Day was celebrated on 26th august in all the blocks of the district. The inaugural programme was presided over by Shri. Shibu Valappan, Chairman, Chalakudy Municipality, and inaugurated by Hon. Shri. Saneesh Kumar Joseph, MLA, Chalakudy Constituency. Dr. V. Venkitasubramanian, Director, ICAR–ATARI Bengaluru launched the Technology Portal of KAU. On the occasion, innovative farmers were honoured, and livelihood support materials such as layer poultry with hi-tech cages and feed, fishing net, implements to collect honey and medicinal plants from the forest were distributed to Scheduled Tribe beneficiaries. Dr. Anith K. N, Director of Research, KAU introduced modern agricultural technologies, while Dr. Binu P. Boni, Director of Extension, KAU highlighted KAU’s technological interventions. A Farmer–Scientist Interface was also held, with participation from experts including als Dr. Vimi Louis (Professor and Head, Banana Research Station), Dr. Jalaja S. Menon (Professor and Head Cashew Research Station), Dr. Mary Regina F, Programme Co ordinator , KVK Thrissur Dr. Smitha K. P. (KVK Thrissur), and Dr. Ambili John (Animal Science). The programme concluded with a vote of thanks by Dr. Mini Abraham, professor and head, ARS, Chalakkudy.



Exposure visit of Scheduled Tribe beneficiaries

An exposure visit was organized for the Scheduled Tribe beneficiaries of Pillappara, Malayan Tribal Unnathi Peoples to the Krishi Vigyan Kendra (KVK), Thrissur and the Agronomic Research Station (ARS), Chalakudy. During the programme, participants were introduced to modern agricultural technologies, improved cultivation practices, and livelihood opportunities demonstrated at the centres. The visit aimed to create awareness and build capacity among the tribal farmers for adopting scientific farming practices and enhancing income



generation. As part of the exposure, the beneficiaries were also taken to the aquarium and beaches of Chavakkad, Thrissur, providing them an opportunity to learn about coastal resources and fisheries. On their demand, fishing nets were distributed to support their traditional livelihood activities

Pulchadikkottam – Awareness Programme for School Students on Agriculture

As part of the Pulchadikkottam campaign, the Krishi Vigyan Kendra (KVK) scientists conducted an awareness programme on agriculture for school students. The team visited 22 schools, including LP, UP, High Schools, and Higher Secondary Schools, covering a total of 6,050 students. The programme aimed to create awareness among children on the importance of agriculture, sustainable farming practices, and the scope of agri-based careers. Interactive sessions, demonstrations, and discussions were organized to inspire the younger generation to appreciate and connect with farming.



Nettukaltheri Open Prison: A Model for Agri-Based Rehabilitation

Nettukaltheri Open Prison, located in a hilly area with lush green surroundings, lies about 35 km from Thiruvananthapuram city, close to the famous Neyyar Wildlife Sanctuary. The prison spans 274 acres of land within a single campus. This vast expanse, which has no boundary walls, no lock-ups, and no armed police, is home to 387 inmates who live and work here. The jail campus is well maintained, featuring a rubber plantation, honey bee farm, vegetable garden, dairy farm with numerous cows, a goat farm, and a poultry farm.

Recently, Nettukaltheri Open Prison was honoured with the State Award for Best Agriculture Farm in Kerala. The KVK has been extending technical support to the prison farm over the past few years and has played a pivotal role in transforming the facility into an award-winning agricultural model. The transformation is rooted in a series of strategic interventions by KVK, including trainings on mushroom cultivation and Integrated Crop Management in vegetables, Frontline Demonstrations on Integrated Nutrient Management in banana incorporating the Ayar nutrient mixture, management of fusarium wilt in yard-long bean, and the wilt-tolerant chilli hybrid, Arka Kyati.

KVK also extended technical support for the establishment of a high-tech mushroom cultivation unit in the prison and made available the services of a master trainer to handhold the prison authorities during the initial phase. As a result, the prison now produces an average of 10 kg of mushrooms per day. Since the prison farm has a vast area under rubber plantations, KVK extended technical support for apiculture in the premises of open prison and 250 bee hives are made available to the prison through Kerala Khadi Board. Beehives are kept on platforms between the rubber trees. Last year, they were able to harvest about 800 kg honey from the apiary unit in open prison. With KVK's continued mentorship, Nettukaltheri Open Prison is poised to become a national model for agri-based rehabilitation.



Empowering Rural Youth through Organic Vegetable Cultivation

With the technical support of KVK, the NSS volunteers of Government Vocational Higher Secondary School, Poovachal have successfully transformed their campus into a thriving centre for organic vegetable cultivation. KVK imparted training to the NSS volunteers on organic vegetable cultivation at the start of the academic year. Method demonstrations were conducted on the preparation of biopesticides. A total of 150 plant pots were made available to the school with the support of Poovachal Krishi Bhavan, under the Vegetable Development Programme of the State Department of Agriculture.

Armed with technical knowledge and a sense of responsibility, the students established a well-maintained



vegetable garden within the school premises. Today, the garden stands as a model of student-led agricultural innovation, showcasing a variety of vegetables grown using organic inputs. The initiative has not only enriched the school’s green space but has also instilled in students a deep appreciation for sustainable agriculture and food security. This success story reflects the power of grassroots initiatives in promoting eco-friendly practices and engaging youth in nation-building through agriculture.

KVK Thiruvananthapuram Observes Farmers’ Day with Felicitation of SC Farmers and Technology Demonstrations

Krishi Vigyan Kendra (KVK), Thiruvananthapuram celebrated Farmers’ Day on August 16th by felicitating five outstanding farmers, including Scheduled Caste (SC) farmers, for their remarkable contributions in vegetable cultivation, tuber crops, paddy mechanization, SC Farmers’ Welfare Society initiatives, apiculture, and value addition. The programme began with a warm welcome by Dr. Devika I, Subject Matter Specialist (Home Science), who greeted the dignitaries and participants. Shri. Sreekantan, Vice President of Vellanad Grama Panchayat, inaugurated the event, stressing the importance of agriculture in rural development and the need to strengthen farmers through technology and institutional support. The function was presided over by the Vice Chairman of Mitraniketan, who acknowledged the crucial role of farmers in sustaining food and livelihood security. A documentary video showcasing the daily activities, innovative practices, and achievements of the felicitated farmers, particularly SC farmers who have adopted progressive approaches, was presented. Er. Chithra G, Subject Matter Specialist (Agricultural Engineering), delivered a technical session on innovative agricultural technologies, highlighting best practices for sustainable farming.

The event was organized under the Scheduled Caste Sub-Plan (SCSP) activities with a focus on empowering farmers, especially SC communities, through vocational training in farm machinery operation and maintenance, apiculture, value addition, and improved agricultural practices. As part of the programme, farmers visited the KVK Technology Hub and gained practical exposure to demonstrations on mushroom production, vermicomposting, plant nursery management, nutrition gardens, rain shelter cultivation, micro-irrigation, modern farm machinery, and food processing techniques. The utility of Custom Hiring Centres (CHCs) was also explained, with emphasis on how trained SC technicians provide machinery services in farmers’ fields based on demand. At the Value Addition Centre, participants observed the preparation of value-added products using equipment supported by the CHCs, demonstrating opportunities for market expansion and income diversification.

The programme not only recognized the achievements of SC farmers but also served as a platform for knowledge exchange, skill enhancement, and exposure to new technologies, ultimately empowering farmers to improve productivity, strengthen livelihoods, and generate additional income through sustainable practices and value addition. The event received wide attention and was prominently covered in the Malayalam daily *Kerala Kaumudi*.



41 ICAR-KVK, TUMKUR-1

FLD on “Demonstration of little millet variety GPUL-6 and its value addition”

ICAR-KVK, Tumkur-I initiated FLD on “Demonstration of little millet variety GPUL-6 and its value addition” at Goni Tumkur, Turuvekere taluk. During the programme little millet variety GPUL-6 were distributed to beneficiary farmers.



Live streaming of PM-Kisan Samman Nidhi programme

ICAR-KVK Tiptur, Tumkur-I celebrated the 20th installment of the PM-Kisan Samman Nidhi scheme by organizing a live streaming of the Hon’ble Prime Minister’s address. The event also featured group discussions and interactive sessions with farmers, along with a special guest lecture on various social welfare schemes and advanced production technologies in agriculture and horticulture.



Exposure visit to CSIR-CFTRI, Mysuru

ICAR-KVK, Tiptur, Tumkur -1 organised an exposure visit to CSIR-CFTRI, Mysuru that marked a significant milestone in the journey of our KVK. Farmers and young entrepreneurs gained exposure to innovations in traditional food processing and packaging, value addition and technology transfer for rural enterprise development.

The visit inspired participants to explore scientific approaches for enhancing farm-based livelihoods.



Visit to Sri Ramakrishna Vivekananda’s ashram

ICAR-KVK-TIPTUR, Tumkur -1 senior scientist and head visited Sri Ramakrishna Vivekananda’s ashram at chikkanayakanahalli taluk along with Horticulture and Agronomy scientist. During this visit, soil samples were collected and Suggested coconut based cropping system and Dry land Horticulture crops as well as Forest tree.

CFLD in groundnut

ICAR-KVK, Tiptur, Tumkur-I initiated CFLD in groundnut at Hanumegowdanapalya, Sira Taluk. During the programme Groundnut seeds K-6 were distributed to beneficiary farmers.



FLD on Field Bean variety HA-5 under SCSP

ICAR-KVK, Tiptur, Tumkur-I initiated FLD on Demonstration of new Field Bean variety HA-5 under SCSP at Karikere, Tiptur taluk. During the programme Field Bean seeds HA-5 and microbial consortia were distributed to beneficiary farmers.

Parthenium Awareness Week 2025

ICAR-KVK, Tiptur, Tumkur-I organised 20th Parthenium Awareness Week 2025 (16-22 August) at Kannada Bharati High school, Honnavalli, Tiptur taluk. During the programme scientist highlighted the ill effects of parthenium on human health and parthenium aggressivity on crop production at the same time released the Mexican beetle and uprooted parthenium at school campus.



Meetings on pests and diseases management in coconut

ICAR-KVK, Tiptur, Tumkur-I senior scientist and head, Scientist (Horticulture) attend meetings on pests and diseases management in coconut at Kumarakrupa guest house, bengalore. The meeting was chaired by Shri, V., Somanna sir Hon'ble minister of state for Railways and Jalashakthi, Govt of India.



Scientific Beekeeping Training Programme at ICAR-KVK, Hirehalli on 13th August 2025

ICAR-Krishi Vigyan Kendra (IIHR), Hirehalli, Tumakuru, organized a Scientific Beekeeping Training Programme on 13th August 2025 for CISF staff and progressive farmers of Tumakuru district. The programme aimed to promote beekeeping as a sustainable livelihood option while highlighting its vital role in pollination, crop productivity, and biodiversity conservation.

The training was inaugurated with the ceremonial lighting of the lamp by Dr. B.L. Manjunath, Principal Scientist, Division of Fruit Crops, ICAR-IIHR, Bengaluru, in the presence of Dr. Loganandhan N., Head, ICAR-KVK, Hirehalli, Dr. K.T. Vijayakumar, Professor, AICRP on Honey Bees and Pollinators, UAS, Bengaluru, and Mr. Shivakumar Hiremath, CISF, Dabaspet, Bengaluru.

In his inaugural address, Dr. Manjunath encouraged participants to adopt beekeeping as a means of enhancing fruit and vegetable yields for improved livelihoods. Dr. Loganandhan emphasized that beekeeping is not only a source of honey but also a daily-life enterprise that supports nutritional security, pollination services, and eco-friendly value addition.

The technical sessions were led by Dr. K.T. Vijayakumar, who shared scientific insights on:

- Scope of beekeeping as a horticulture-based enterprise
- Role of bees in pollination and biodiversity
- Stingless bee management
- Honey quality standards
- Managing pesticide poisoning in bees
- Production of value-added bee products (honey, beeswax, propolis, royal jelly)

Participants also gained hands-on training in handling bee colonies, setting up bee boxes, identifying queen/worker/drone bees, fixing comb foundation sheets, and feeding management. Practical demonstrations were facilitated by Mr. Jagadeesha, Department of Horticulture, Tumakuru, and Mr. Lakshmisha. A field visit to the KVK apiary further provided real-time exposure to bee foraging and pollination activities.

A total of 50 participants, including CISF staff from Dabaspet and farmers from across Tumakuru district, actively took part in the programme.

During the valedictory session, Shri Shivdatta Kumar, Senior Commandant, CISF UNIT 10th RB, Dabaspet, urged participants to embrace beekeeping as a practice that not only connects people with nature but also contributes to well-being and can be pursued meaningfully even after retirement. Certificates were distributed to all trainees.

The programme concluded with a formal vote of thanks by Shri K.N. Jagadish, SMS (Agricultural Extension), KVK, Hirehalli, who along with Shri P.R. Ramesh, efficiently coordinated the event.



On-Campus Training on Oyster Mushroom Cultivation at Krishi Vigyan Kendra, Hirehalli

An on-campus training session on Oyster Mushroom Cultivation was successfully organized on 30th July 2025 at the ICAR–Krishi Vigyan Kendra (IIHR), Hirehalli, Tumakuru. The programme aimed to impart scientific knowledge and practical skills to local farmers and aspiring entrepreneurs interested in mushroom production as an alternative source of income and nutrition.

The inaugural session was followed by technical lectures and practical demonstrations:

- Mr. Ramesh P.R., Subject Matter Specialist (Soil Science), explained the scientific basis of spawn production, highlighting the importance of pure culture maintenance, sterilization techniques, and environmental conditions required for quality spawn multiplication. He emphasized that the success of mushroom farming largely depends on healthy and contamination-free spawn.
- Mrs. Radha R. Banakar, Subject Matter Specialist (Home Science), delivered a talk on the nutritional and health benefits of mushrooms, especially oyster mushrooms. She explained that oyster mushrooms are rich in proteins (20–30%), essential amino acids, vitamins (B-complex, vitamin D), minerals (iron, zinc, potassium), and dietary fiber while being low in fat. This makes them highly suitable for addressing rural nutritional security. She also provided step-by-step guidance on oyster mushroom cultivation, covering substrate preparation, sterilization, bag filling, spawning, and incubation.

Following the lectures, participants took part in hands-on demonstrations of:

- Substrate preparation and bag filling with paddy straw.
- Spawning methods for uniform distribution of spawn.
- Incubation techniques under controlled humidity and temperature.
- Harvesting methods to ensure quality yield and reduce post-harvest losses.

The training highlighted the fact that oyster mushrooms can be cultivated using agricultural residues like paddy straw, maize stalks, or sugarcane trash, which not only reduces farm waste but also provides additional income opportunities.

At the conclusion of the programme, training manuals and participation certificates were distributed. A total of 53 farmers and farm women from Tumakuru and nearby districts benefited from the programme. Participants expressed keen interest in adopting oyster mushroom cultivation at their farms and homesteads, recognizing its potential as a sustainable, low-cost, and profitable enterprise.



43 ICAR-KVK, UDUPI

Krishi Sakhi Training Program

A 6 day long community resource persons (Krishi Sakhi), module II training program for 4th batch was inaugurated on 18th August 2025 at ICAR-Krishi Vigyana Kendra, Udupi. The program was inaugurated by Project Director, National Rural Livelihood Mission (NRLM), Zilla Panchayath (ZP), and Udupi. He emphasized the need for collection and use of basic data pertaining to farmers in order to devise best possible interventions for farmers. He opined that basic data can make the job of Krishi Sakhis more comfortable and reachable to end users. As a chief guest, Dr. Sudhir Kamath, Principal, Diploma College of Agriculture, KeladiShivappa Nayaka University of Agriculture and Horticulture Sciences, Shivamogga, Brahmavara called upon the Krishi Sakhis to become friends of farmers to transfer technology and knowledge of scientific farming. Mr. Avinash, District Coordinator, NRLM advised the Krishi Sakhis on continued knowledge and skill acquisition through training such as this and constant interaction with scientists and developmental departments. Presiding over the event, Dr. Dhananjaya B., Senior Scientist and Head, ICAR-Krishi Vigyana Kendra, Udupi, concluded that Krishi

Sakhis are the major workforce at ground levels in rural area as para extension workers for farmers. Scientists Dr. Bhoomika, Dr. Naveen N.E. and Dr. Sadananda Acharya were present. On 6th day, valedictory ceremony and certificate distribution was done in the presence of guest, Smt. Veena Shanbhogue, Food and Nutrition Expert from Brahmavara. As many as 32 Krishi Sakhis participated in the training program.



44 ICAR-KVK, UTTARA KANNADA

As part of the Krishi Mela, ICAR–Krishi Vigyan Kendra, Uttara Kannada, Sirsi, organized Rangoli and No-Fire Cooking competitions at the Forestry College, Sirsi on 11.08.2025. Women from Uttara Kannada District participated enthusiastically, showcasing their creativity and culinary skills. The event was graced by the esteemed presence of Dr. R. Vasudeva, Dean of the Forestry College. In his address, Dr. Vasudeva sir praised the women of Uttara Kannada district for their expertise in preparing traditional recipes and emphasizing the importance of preserving these culinary practices for future generations. Sir further highlighted the significant medicinal value of such traditional dishes, reinforcing the philosophy that food should serve as medicine, not medicine as food. The program concluded with the distribution of Prizes to participating women.

On 12th August 2025, an Essay Competition was conducted for high school students at Karnataka Public School, Malagi, Mundgod Taluk on the theme Role of Children in Soil Health Management. Students from Classes 8, 9, and 10 participated with remarkable enthusiasm.

After the essay competition, a Soil Scientist delivered an enlightening session, highlighting the significance of soil health, its crucial role in sustainable agriculture, and the importance of soil testing in improving productivity. The event concluded with a prize distribution ceremony, recognizing the outstanding performances of the students and motivating them to contribute actively towards creating awareness on soil health in their communities.



45 ICAR-KVK, VIJAYAPURA – I

Farmer-scientist interaction Programme

ICAR-KVK-Vijayapura-I organized Farmer-scientist interaction programme collaboration with ATMA, Vijayapura on 16 August 2025. Dr.S.M. Vastrad, SSH, KVK-Vijayapura welcomed chief guest Dr.A.S.Sajjan, Dean, AC, Vijayapura, Dr. S. S.Patil, JDA, Vijayapura, Dr.S.B. Jagginavar, ADR, Vijayapura, Dr.BalarajRangarav, DDA,DATC,Vijayapura, Dr.S.KBiradar, DPO, ATMA, Vijayapura and also president of programme Dr. M.M. Jamadar, ADE, Zone-3,Vijayapura.Dr.S.KBiradar, DPO, ATMA, Vijayapura, gave the introductory speech. Dr.A.S.Sajjan, Dean, AC, Vijayapura briefed about importance of Farmer-scientist interaction programme. Dr. S. S.Patil, JDA,Vijayapura, encouraged farmersto share their experiences and innovations. Expert team, Dr.P.S.Pattar, Scientist (Agronomy), briefed about soil and water conservation practices. Dr.S.MVastrad, Plant pathologist delivered about present season diseases and management practices. Dr.S. S. Karbantanal, Scientist (Entomology) briefed about current season pest and management practices. Dr.Shilpa V. Chogatapur, SMS (Agronomy), deliver lecture on important cultural practices in *Kharif*season crop.Dr.ShivarajKamble, SMS (Soil science), briefed about soil conditions and recommended fertilizer dosage to crops.Dr. M.M. Jamadar, ADE, Zone-3,Vijayapura, gave the presidential remarks. Around 58 farmers were received tailored advice on crop choices and management practices in this Farmer-scientist interaction Programme. Mr. ShrishailRathod, STO, delivered vote of thanks.



46 ICAR-KVK, VIJAYAPURA-II (INDI)

Two-Day Training on Modern Technologies in Pigeon Pea Cultivation for Farmers from Maharashtra at Krishi Vigyan Kendra, Indi

On August, 1 and 2, 2025, a two-day indoor training program on the integrated management of pigeon pea crops was organized at the ICAR Krishi Vigyan Kendra (KVK), Indi. The program aimed to provide farmers from various districts of Maharashtra with expert advice and detailed Pigeon Pea Cultivation information from ICAR-KVK, Indi scientists. Under the ATMA scheme of the Maharashtra State Agriculture Department, the training focused on modern technologies related to pigeon pea cultivation, including high-yield techniques, integrated pest and disease management, value addition, fodder preparation, and agricultural mobile apps. Additionally, a discussion session on crops grown during the Kharif season was organized, where farmers received appropriate guidance from scientists on precautionary measures and technical information. Fifty-five farmers from Solapur, Maharashtra, participated in the program. The training inspired farmers to adopt modern agricultural technologies and enhance productivity.

**Off-Campus Training on Organic and Natural Farming**

On August 13, 2025, an off-campus training program for organic farmers under the ATMA scheme, Indi and Chadchan, was held at UAS, Dharwad Campus. Titled “Organic and Natural Farming in Agriculture and Horticulture Crops,” it aimed to promote sustainable farming techniques for enhanced productivity and environmental health. Organized by ICAR Krishi Vigyan Kendra (KVK), Indi, with ATMA, the program trained farmers from Indi and Chadchan in organic farming principles, pest and disease management, soil health, and certification. KVK’s Plant Protection Scientist led sessions with demonstrations on composting, biofertilizers, and crop-specific practices. Topics included Organic and natural farming principles, Nutrient management with organic inputs, Bio-pesticides and natural pest control and Value addition and marketing of organic produce. Inaugurated by the Associate Director of Extension, Vijayapur, the interactive sessions engaged 60 farmers,



offering practical solutions. A field visit to UAS Dharwad’s organic plots showcased successful cultivation models. The training motivated farmers to adopt eco-friendly practices and promote organic farming locally.

Farmer-Scientist Interaction Program at Tamba Village of Indi Taluka

On August 19, 2025, a Farmer-Scientist Interaction Program was organized at Here Rugi village, Indi Taluk, by the 4th-year RAWE (Rural Agricultural Work Experience) students of the College of Agriculture, Bijapur. The event was conducted by scientists from the Plant Protection and Animal Science departments, led by the Senior Scientist and Head of ICAR Krishi Vigyan Kendra (KVK), Indi.

The program aimed to bridge the gap between scientific expertise and farming practices, providing farmers with insights into modern agricultural techniques. KVK scientists delivered sessions on integrated pest and disease management, sustainable crop production, and livestock management. Interactive discussions enabled farmers to address challenges and seek practical, tailored solutions. Coordinated by RAWE students, the event facilitated knowledge exchange through activities and demonstrations. Farmers gained valuable guidance on enhancing productivity and adopting eco-friendly practices. The program underscored KVK’s commitment to empowering rural farmers with science-driven solutions, inspiring participants to implement innovative techniques in their fields.



Report on drone spraying in 60 acres farmers paddy field at Puthenkunnu in Bathery Taluk, Wayanad

Krishi Vigyan Kendra (KVK) Ambalavayal, under Kerala Agricultural University, undertook a large-scale demonstration of drone based foliar application of *Sampoorna*, the micronutrient mixture formulated for paddy, over a 60 acre farmers' paddy field in Puthenkunnu, Bathery Taluk, Wayanad District. Dr. Rajan V P, Program Co-ordinator of the KVK and Dr. Deepa Surendran, SMS (Animal Husbandry) were the scientists involved in the program. The initiative was taken to address multiple challenges: erratic uptake of micronutrients due to uneven manual spraying, labour shortage especially during key paddy growth stages, high costs of conventional spray, and a desire among farmers for more efficient, sustainable farming practices. The drone used was a UAV with enough payload capacity (10 litres), capable of covering large swathes per flight, with flight plans designed to ensure uniform coverage: flight height maintained above the canopy to avoid damage, speed adjusted for droplet deposition, overlap in flight paths to avoid gaps, buffer zones near water bodies and bunds to minimize drift. Implementation took place in the morning hours to minimize drift and transpiration losses, when wind speed was low and ambient humidity moderate. The *Sampoorna* mixture was sprayed at the recommended concentration per hectare, as per KAU guidelines. Multiple passes of the drone over the field ensured full leaf coverage, especially on underside of leaves to improve micronutrient uptake.

The drone spraying exercise over the 60 acre field delivered measurable improvements relative to conventional spray methods. Time efficiency was a standout: what would require many labourers several hours to manually spray across 60 acres, or using knapsack sprayers or tractor boom setups, was achieved in a fraction of time — often tasks that normally took a full day were completed within a few hours using the UAV, including preparation, refilling, and movement between flights. Labour requirement dropped significantly, thus reducing labour costs and dependency, particularly important given seasonal labour shortages in Wayanad. The *Sampoorna* application showed improved uniformity of spread: leaf sample analyses from sprayed areas showed higher and more consistent levels of trace micronutrients (zinc, iron, boron, manganese etc.) compared to control plots; growth parameters such as tiller numbers, plant height, leaf greenness were enhanced. Farmers reported fewer symptoms of nutrient deficiency (e.g. interveinal chlorosis, weak tillering) in sprayed plots. The panicle formation and grain filling stages also benefited, resulting in yield increases over control plots — in similar programmes elsewhere in Kerala, drone sprayed *Sampoorna* has been associated with yields increasing by 20-22%.



48 ICAR-KVK, YADGIR (KAWADIMATTI)

Training program on nutrient, pest and disease management in cotton

ICAR-KVK, Yadgir (Kawadimatti) organized one day off campus training programme on 28th August 2025 at Rajankolur village in association with Farmers produce pvt. Ltd. Rajankolur. Dr. Jaiprakash Narayan R. P. Senior scientist and Head delivered the welcome speech. Dr. V.C Patil Retired Professor and Managing Director of Farmers produce pvt. Ltd. Rajankolur and H.C. Patil, ex-member of Zilla Panchayath, Rajankolur. inaugurated the training program. Dr. Amaresh Y.S. (Plant Pathology) Prof. University of Agricultural Sciences Raichur, Dr. Shivananda Hanchnal (Agril. Entomology) and Dr. Ajaykumar (Agronomy) were invited as chief guest for the programme.

Dr. Ajaykumar (Agronomy) delivered the lecture on important agronomy practices like nipping, weeding, nutrient and water management practices in cotton. Dr. Amaresh Y.S explained the major disease affecting the cotton crop and their management practices. Dr. Shivananda Hanchnal explained about major pest infecting the cotton and their control measures and updated the farmers regarding recent insecticides and their usage. Dr. Shruti Koraddi explained to the farmers regarding new cotton hybrids released and their characteristics and Dr. Eramma explained about importance of new technologies like closer spacing and HDPS in cotton crop. All the scientists interacted with farmers and answered to their queries. Scientists discussed with farmers and educated them regarding integrated pest and disease management practices in cotton using yellow sticky traps, pheromone traps, bio fungicides and bio insecticides. Cotton growing farmers were participated and benefitted with the training programme.



Inauguration of the programme



Lecture on cotton crop management by the scientists



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