

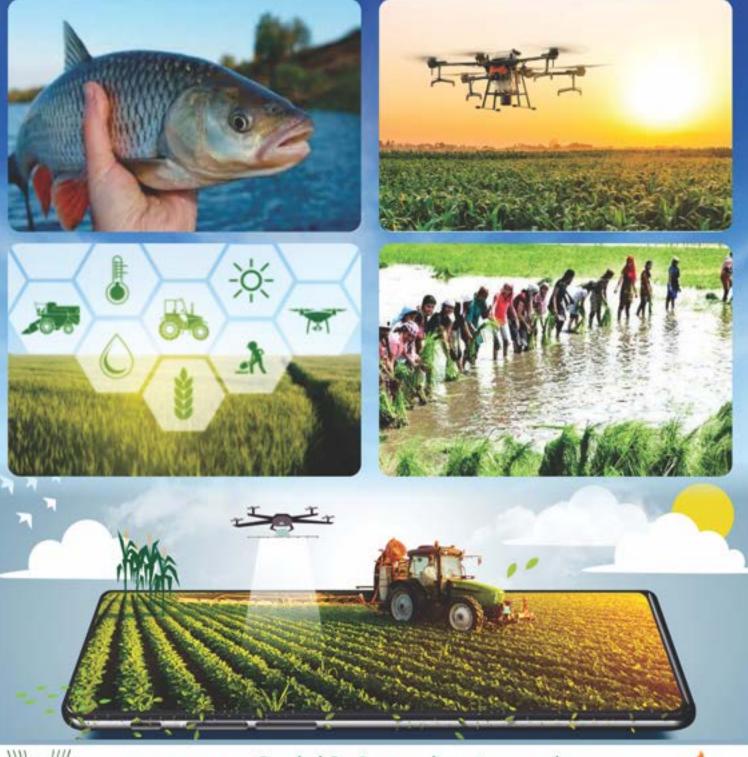








# SPECIAL ISSUE OF KVK TIMES ON 95th ICAR FOUNDATION & TECHNOLOGY DAY





भा.कृ.अनु.प. – कृषि प्रौद्योगिकी अनुप्रयोग संस्थान, जोन – ११ ICAR-Agricultural Technology Application Research Institute, Zone XI



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Dr. Udham Singh Gautam Hon'ble Deputy Director General (Agricultural Extension), ICAR, New Delhi



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Dr. V. Venkatasubramanian Director डॉ।वी। वेंकटसुब्रमण्यन निदेशक

### Preface

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

A first of its kind virtual platform, **KVK TIMES** which documents fortnightly activities of each of the 48 KVKs of Zone-XI is gaining a real momentum. The news items covered in issues made an impact that is long lasting. Most of the news items published in the TIMES has got the potential of cross learning among KVKs and worth reading. This should boost the morale of all of us and many such noteworthy efforts of our fraternity in the zone. I am happy to congratulate all the KVKs of zone for bringing out first volume of KVK TIMES comprising of 48 issues in two years in a befitting manner which is very well appreciated across the country especially by policy makers.

ICAR-ATARI Bengaluru congratulate all the 48 KVKs of the zone for organizing **ICAR 95th Foundation & Technology Day during 16 - 18 July 2023 in a be tting manner**. To highlight this achievement on record, ICAR-ATARI Bengaluru with the support of ICAR-Krishi Vigyan Kendra-Tumakuru-II is bringing out publication 'Special issue of KVK TIMES on ICAR 95th Foundation & Technology Day'.

I acknowledge the support rendered by Secretary (DARE) & Director General (ICAR) and Deputy Director General (AE), ICAR to KVKs of Zone XI for their effective service to the farming community.

Bengaluru 24 July 2023 Dr. Duhumamin 2417 12023

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#### ICAR-KVK-ALAPPUZHA

ICAR-KVK-Alappuzha celebrated 95th ICAR Foundation day by organizing various technology dissemination activities in the KVK and different parts of district from 16th – 18th July 2023. Three programmes (1) Off-campus training cum exhibition of 'Value added products from Jack fruit' at Muhamma (2) On-campus training cum exhibition on Millets and (3) Orientation and demonstration of high yielding fodder varieties at Muhamma and Thanneermukkom were arranged on those days. About 15 value added products from Jackfruit and 10 from millets were demonstrated during the value addition training programmes. Planting materials of high yielding fodder varieties of Australian Red Napier and Super Napier were distributed to 45 dairy farmers after the orientation programme. Total of about 100 farmers and farm women attended these foundation day programmes.





### ICAR-KVK, BAGALKOT

ICAR KVK Bagalkote celebrated 95th ICAR Foundation Day from 16.07.2023 to 18.07.2023 by making arrangements for live webcast from New Delhi at KVK training hall to farmers. Dr. D. N. Kambrekar, Senior Scientist and Head, KVK Bagalkote explained about importance of millets in daily diet, organic botanicals, bio-agents to the trainees. Dr. Siddappa C Angadi, Sr. Technical officer, briefed about the importance of soil testing, soil health card, soil test based applications of fertilizers and also visited demonstration blocks of KVK. Dr. Akkamahadevi Agasimani, Scientist (Horticulture) briefed regarding the importance of vegetable special preparation techniques in horticulture crops and production technologies. Dr. Sudha S, Scientist (Plant Protection) briefed about the importance of different bio agents like *Metarhi ium, Rhi obium*, Dr. Venkanna Balaganur, Scientist (Animal Science) explained about the fodder crops, technologies in clean milk production. Mr. Basavaraj Naglikar, SMS, Agrometrology explained about Objectives of GKMS project, details about DAMU and Weather based Agro-advisories. Also explained importance of automated weather station in agriculture and weather related mobile applications like Meghdhoot, Damini and Mausam. About 90 farmers participated in the programme.











#### ICAR-KVK, BALLARI

Day 1:Ballari being a mining district, agro-forestry pivotal role in maintaining the eco-system. In this regard ICAR-KVK, Ballari along with Department of Forestry and Karnataka State Department of Agriculture conducted an awareness programme on the importance of forestry in Agriculture. The schemes and facilities available in the forestry and agriculture department were being introduced to the farmers of Belagal taluk on 16-07-2023 on the eve of ICAR Foundation day celebration and technology day.

Day 2: A total of forty SHG women took part in the technology day and ICAR foundation day celebrated at ICAR-KVK, Ballari on 17-07-2023. Income generating activities such as vermi-composting, value addition, sheep and goat rearing were being taught to the trainees followed by visits to the respective demonstration unit.

Day 3: On the third day of technology day celebration (18-07-2023) scientists of ICAR-KVK,Ballari explained the farmers about Integrated approaches for nutrient management, different methods of its application, recommended usage of fertilizers for the crops to maintain the soil health condition and also importance of organic farming for sustainable agriculture. On the same day women farmers who participated in the millet recipe competition were being told about the importance of Integrated Nutrient Management in their farms.



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### ICAR-KVK, BELAGAVI - I

ICAR-BIRDS Krishi Vigyan Kendra has celebrated 95th ICAR Foundation Day by conducting Technology Day for 3 days. On the first day 16th July, 2023 Training Programme arranged for farmers at Naganur village on Sugarcane cultivation. Sri. Maruti Malawadi, KVK Agronomist has given technical training to 36 farmers and 21 farm-women on sugarcane cultivation aspects. On 17th July, 2023, 2nd Day of Technology day was arranged with the major theme of Sugarcane Technologies for Belagavi District. During this programme Dr. Dattu Mehtre, Senior Scientist and Head in his key note address briefed about the history of ICAR and major milestones achieved till date. Adarsha H. S, Fisheries Scientist had given the functional and operational details of the ICAR such as Education, Research and Extensional and its relevance in nation's agriculture. Sugarcane During this programme an exhibition was arranged to depict the KVK technologies and salient achievements. A total of 28 farmers and 8 farm women took part in the programme.

During the 3rd day of Technology Day on 18th July, 2023 an official ceremony organized to create the awareness on role of ICAR in development of agriculture of the country. Dr. Dattu Mehtre has delivered his key note and explained the major contributions of ICAR through its research, extension, and education in nation's progress in agriculture sector. Mr. M. N. Malawadi, Agronomist has briefed about the latest Sugarcane varieties and their farming aspects. Mr. Adarsha H. S, Fisheries Scientist provided the insights on Fresh water aquaculture and its scope in the Belagavi district. Mr. Parashuram Patil, Horticulture Scientist explained the Turmeric cultivational aspects and intercropping opportunities. A detailed exhibition presenting the KVK Technologies was also arranged during this ceremony. Meanwhile, farmers were taken into the farm tour of KVK where crop cafeteria of sugarcane varieties were demonstrated. A total of 53 farmers and 8 farmwomen participated in this celebration.





#### ICAR-KVK, BELAGAVI - II

95th Foundation Day of ICAR and Technology Day was celebrated at KVK, Belagavi-II from 16 to 18 July 2023. During all 3 days a total of 160 farmers took part in the event. The details are given below.

Day 1: Shri Somappa Upparatti, President, Gram Panchayat, Sutagatti inaugurated the 95th Foundation Day and Technology day. Presiding over the function, Mrs. Sridevi B. Angadi, Senior Scientist & Head, KVK, Mattikoppa briefed on the contribution of ICAR in developing suitable technologies for the farmers in the country. KVK Scientists Dr. S.S. Hiremath and Praveen Yadahalli interacted with farmers on IPM and drone application.

Day 2: Shri Siddayya C. Navalagatti, President, Milk Producers Co-operative Society, Ganikoppa inaugurated the second day event. Mrs. Sridevi B. Angadi presided over the function and called on farmers to adopt the various technologies developed by ICAR. KVK Scientists S.M. Waradand G.B. Vishwanath shared about natural farming & contingent crop planning.

Day 3: Shri Subhas Patil, President, PKPS, Mohare inaugurated the third day event. Mrs. Sridevi B. Angadi presided over the function and briefed on importance of millet in daily diet. KVK Scientists Dr. S.S. Hiremathand G.B. Vishwanath interacted with participants on white grub management and Sri method of paddy cultivation





#### ICAR-KVK, BENGALURU RURAL

On the eve of 95th ICAR Foundation Day, KVK Bengaluru Rural District organized 3 days Technology Day from 16th – 18th July 2023. Dr. Hanumantharaya, B.G., Senior Scientist & Head inaugurated the programme and highlighted the achievements of Indian Council of Agriculture Research (ICAR) and stressed the importance of secondary agriculture in the nearby. On 16.07.2023, KVK organized demonstration on Seed cum fertilizer drill. During the programme, Dr. Venkate Gowda, J., Scientist (Agronomy) explained the advantages of Tractor drawn automatic seed cum fertilizer drill and a demonstrated the technology in the field. Dr. Sagar S, Pujar, Scientist (Agril. Extn.) exhibited the new technologies and agricultural implements. Totally 60 farmers/ farmwomen, KVK scientists and staff were participated in the programme. On 17.07.2023, KVK organized training programme on Processing and value addition of millets. Emphasis was given to millets in daily diet and role of women in popularization of millets through value addition. As a part of the programme, training was given to farm women to prepare millet-based value-added products (laddu, malt, mixture, nipatu and chakli). Totally, 45 farmwomen were participated and benefited from the programme. On the last day 18.07.2023, KVK- Bengaluru Rural, in collaboration with Department of Horticulture, Bengaluru Rural District organized training programme on 'Integrated Pest and Disease Management in Tomato'. Mr. Gunavantha, J., Deputy Director of Horticulture inaugurated the program and addressed the gathering. Dr. B.G. Hanumantharaya, Senior Scientist and Head delivered a lecture on 'Improved cultivation practices of Tomato'; Dr. P. Veeranagappa, Scientist (Soil Science) gave lecture on 'Integrated soil nutrient management in tomato' and Dr. Dharshini, G.M., Scientist (Plant protection) delivered lecture on 'Integrated Pest and Disease Management in Tomato'. On this occasion, leaflet on Integrated Pest and Disease management in Tomato was released by the dignitaries. Different tomato disease specimens were exhibited. Totally, 65 farmers and farm women were participated and benefited from the programme.



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#### ICAR-KVK, BIDAR

On the eve of 95th Foundation Day of ICAR, a three-day "Agricultural Technology Day" is celebrated from 16th to 18th July 2023 in all the Krishi Vigyan Kendras of the country. In this regard, KVK Bidar organized Exhibitions and through demonstrations created awareness of new technologies. As 2023 is celebrated as "International year of Millets", on 16-07-2023, KVK Bidar organized capacity building programme on Importance of Millets in daily diet and Improved cultivation practices in Millets.

On 17-07-2023, Training & Method Demonstration on "Post-harvest Management Measures in Mango" was conducted. Bidar district was famous for high quality mango production but the mango crop was deficient in nutrients. Due to various reasons such as pests and diseases, the productivity and fruit quality of the current mango crop is declining. Farmers were trained on Improved crop management practices in Mango both theoretically & practically.

On 18-07-2023, Training on "IPM Practices in Major Kharif Crops" was conducted, Farmers were also encouraged to produce Vermi-compost and Azolla at their field levels. Farmers visited KVK Demo plots and exhibition stall and gained more and more knowledge on New Agriculture technologies. Three days exhibition was organized to disseminate the important Agricultural technologies to be practiced by the farmers of Bidar district.





#### ICAR-KVK, CHAMARAJANAGARA

ICAR KVK Chamarajanagara organized and celebrated 95th ICAR Foundation and Technology day from 16th to 18th July, 2023 at KVK premises. On 16th July, Dr. Yogesh G. S., Senior Scientist and Head inaugurated the programme and detailed the overview, role, mandates, initiatives, milestones of ICAR and suggested to conserve the desi field crop varieties. Chief guest, Mr. Yashawanth, Director, Shri Laxmidevi FPO, Veerayyanapura in his speech recalled the contributions of ICAR institutes made in development of agriculture sector. Dr. Shruthi M. K., Scientist (Agronomy) highlighted the contribution of agriculture technologies towards achieving food production in India. Dr. Deepa J., Scientist (Home Science) highlighted the importance and role of millet value addition in human nutrition and Ms. Supriya N. S., Scientist (Agril. Extension) explained the importance and role of KVKs in transfer and adoption of farming technologies for enhancing the production and income of the farmers. Mr. Adarsh N., Agromet Observer (DAMU) highlighted the aspects of weather monitoring and its significance in agriculture. On 17th July, KVK scientists explained the significance of the celebration, importance of minor fruits, advantages of mulching in agriculture to students of College of Agriculture, Chamarajanagara. Minor fruit tree planting (Koranda, Garcinia, Jamun and Rose Apple) activity in the campus premises was done on this occasion. On 18th July, the programme was organized for extension personnel of the Department of agriculture, Chamarajanagara where deliberation about climate resilient practices, contingency crop plan and demonstration of seed treatment for managing drought situations were carried out. As a part of the programme, an exhibition of different crop varieties (Finger millet, Maize, sunflower, Redgram), nutrimillets and their value added products, bioagents (Trichoderma, Pseudomonas, Metarhi ium, Paecilomyces), bio fertilizers (PSB, Rhi obium, A ospirillium), micronutrient mixtures (IIHR Banana special, vegetable special and IISR Turmeric booster), processed honey and value added banana products (both edible and non edible) was organized during all the three days. All the participants were given an exposure to instructional farm where in different technology demonstrations were maintained (improved varieties of Greengram-KKM 3, VIRAT, SHIKA, Blackgram-LBG 791, Redgram-BRG 5, Fodder -PBN 342, Turmeric- IISR Prathibha, Alleppy Supreme, CIMAP Peetambari, Rajendra Sonia, raised bed method of turmeric cultivation, mulching in turmeric, Azolla, Vermicompost/vermi wash unit and low cost polyhouse nursery). All together 116 participants took part in the programme.



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#### ICAR-KVK, CHIKKABALLAPURA

On the eve of 95th ICAR Foundation Day, ICAR- KVK, Chikkaballapura organized a series of programmes from 16-18, July, 2023. Training programme on production technologies in tomato and exhibition was organized on 16.7.2023. Farmers were enlightened with improved production practices in tomato and its value addition. On 17.7.2023, training programme on value addition in millets was carried out in which value added products like finger millet laddu and chocolate were demonstrated. Kisanmela and millets festival was organized on 18.7.2023 at Kaiwara village of Chintamani taluk which was inaugurated by Dr. S.V. Suresha, Honorable Vice Chancellor, UAS, Bengaluru. Dr. V.L. Madhuprasad, Director of Extension, Dr. K.B. Umesh, Director of Research, Scientists from GKVK, UAS, Bengaluru and line department officials witnessed the programme. Millet growing farmers were felicitated during the programme. Exhibition stalls were put up in the programme. 250 farmers participated in the programme.





#### ICAR-KVK, CHIKKAMAGALURU

ICAR -Krishi Vigyan Kendra, Chikkamagaluru has organized Exhibition cum Technology Day on the occasion of 95th ICAR Foundation Day from 16.07.2023 to 18.07.2023 at KVK, Chikkamagaluru. The programme was inaugurated by Mr. Poornesh, President, Farmer Producer's Organization, M u d i g e r e. Dr. Krishnamurthy, A.T., Senior Scientist and Head, KVK, Chikkamagaluru, briefed about the KVK mandates and role of ICAR in planning, promoting and coordinating the education, research and extension in agriculture and allied science. On this occasion organized three-days exhibition cum technology day. In exhibition, new technologies and varieties released by the SAUs and ICAR institutes were displayed, 25 indigenous local rice varieties, Nutri-millets, pulse varieties, natural farming products, Bio-fertilizers, Bio-agents, Banana, Ginger and Vegetable special, one district one products, value-added products from Banana and Jackfruit, seedlings and planting materials were displayed. On account of technology day, organized three days capacity development programme.

Day-1 Organic Paddy cultivation.

Day-2 Production Technologies of Banana.

Day-3 Management of Problematic Soil.

Total 181 farmers, farm women and representatives of NGOs, FPOs, Scientists and not-teaching staffs of KVK were participated and got benefitted out of it.





### ICAR-KVK, CHITRADURGA

Technology Day and Exhibition was organized at KVK, Chitradurga from 16-07-2023 to 18-07-2023 on the eve of 95th ICAR Foundation Day. Farmers, FPO members and SHG women from various talukas of Chitradurga district have participated. On 16-07-2023 the programme was inaugurated by pouring water to a plant by Dr. Kumara O., Senior Scientist and Head, ICAR-KVK Chitradurga. During his inaugural speech he briefed about the role and responsibility of ICAR institute in achieving self-sustenance in food production. ICAR being the highest authority in agriculture sector of the country headed by Central Ministry of Agriculture. All the three days of the technology day technical sessions on recent technologies of agriculture were conducted by Scientists of KVK and ZAHRS, Hiriyur. Mrs. Sumathi, Progressive Farm women from Vanivilasapura, Chitradurga district and Mrs. Tejaswini from Chikkanayakanahally, Tumakuru district have displayed various millet products like malt, health mix, millet laddu, Groundnut Chikki and bio control agents such as *Trichoderma, Pseudomonas*, Banana special were displayed in the exhibition.





#### ICAR-KVK, DAKSHINA KANNADA

The 95th Foundation Day of ICAR was celebrated at KVK DK Mangaluru from 16-18th July, 2023 through organising awareness programmes on technologies in agriculture and allied sectors under the themes of exhibition on agricultural technology, amelioration of acid soils and livestock based farming systems for the benefit of farming community and other stakeholders. On the first day an exhibition of rice germ plasm was organised and information on various technologies of agriculture was provided by scientists. The second day programme was organised in convergence with agriculture department at Moodabidri with a thrust upon plant protection technologies and acid soil management. The third day programme was organised at Sovoor Village of Mangaluru Taluk focusing on information on livestock based farming systems. The NSS unit of Mangaluru University, Agriculture Department and NGO-SKDRDP collaborated in the three days programme. A total of 112 stakeholders comprising of students, farmers, farm women and SHG groups participated in the programme.





### ICAR-KVK, DAVANAGERE

Celebration of 95th ICAR Foundation Day was organised in ICAR Taralabalu Krishi Vigyan Kendra Davanagere from 16-07-2023 to 18-07-2023 for three days with different activities and exhibition cum sales of FPO products were arranged. Farmers, Farm women, youth and citizens participated in the day event.

16-07-2023: Wet waste management and kitchen garden. Mr. Veeresh S.T., Ex-Mayor,City Corporation, Davanagere inaugurated the programme. Dr. Devaraja T. N., Senior scientist and Head, ICAR Taralabalu KVK narrated successful journey of ICAR and its role in development of agriculture sector and minimising the hunger by providing food in the country. District wise KVKs are playing a crucial role in bridging technologies and farming community, he explained. Mr.Basavanagowda M.G. Scientist (Horticulture) explained about kitchen garden and health benefits. Dr. Shantha Bhat, Resource person demonstrated the domestic waste management techniques. FPOs formed by KVK were with their products for exhibition cum sales. 250 women and 25 men from Davanagere city attended the programme.

17-07-2023: Natural Farming. Mr. Sannnagoudra H.M. Scientist (Soil Science) delivered a lecture on 'Soil Health Our Health', highlighting the importance of soil health in producing the food for the world. Mr. Basavanagowda M.G. explained about nursery activities and fruit trees in the Campus. Mr Raghuraja J. Scientist (Agri. Extension) took the participants to the natural farming plot and explained the preparation of Jeevamuratha and demonstrated the application of Jeevamuratha to the arecanut plots. 80 persons participated in the program. Exhibition of Krishi Vigyan Kendra technologies, laboratories, demonstration units were open for the participants.





18-09-2023:Improved Production technology in Millets and Value Addition. Dr. Devaraja T.N., Head of the Krishi Vigyan Kendra invited the participants to know about Krishi Vigyan Kendra and its technologies and make use of them in their regular life. Mr. Mallikarjuna B.O. Scientist (Agronomy) delivered lecture on the improved production technology of millets especially with High yielding varieties of foxtail millet HMT-100-1, DhFt-109-3 and SiA -2644 and preparation of the value added products like millet cookies, seven day seven millets and other products. Dr. Avinash T.G., Scientist (Plant protection) explained the management of pests in field crops through organic methods like bio agents, trap crops, installation of traps, agronomic practices and spraying of neem based pesticides. Bio-fuel technologies were demonstrated. Extension literature on the above technologies were shared with all the participants on all three days. 181 persons participated in the program.







#### ICAR-KVK, DHARWAD

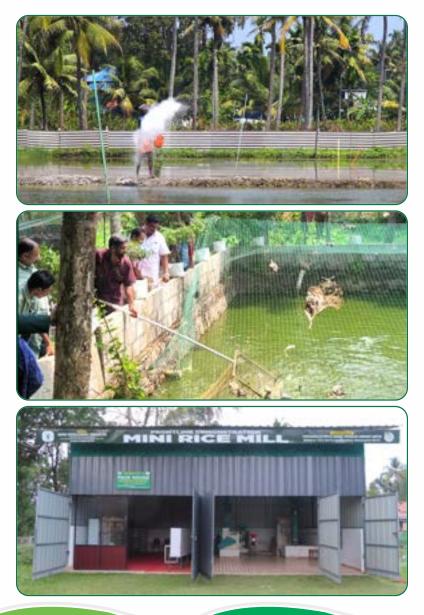
On the eve of 95th ICAR Foundation Day at New Delhi, ICAR-KVK, Dharwad has celebrated Technology Day from 16 -18 July, 2023 involving farmers, farm women, rural youth and NGO members. Dr. M. S. Biradar, Senior Scientist and Head, ICAR-KVK, Dharwad enlightened the farmers about terrace gardening, growing high valued crops under protected cultivation, processing and value addition of millets and KVK technological products/inputs. Dr. Jayashree Pattar, Scientist (Animal Science) explained about CIDR technologies for concentrate feed preparation, method demonstration on incubation and hatching of poultry chicks and clean milk production technologies. Dr. Airadevi P. Angadi, Scientist (Horticulture) explained about use of mango special, use of bio-pesticides and traps in horticulture crops, nutri garden establishment and maintenance, drudgery reduction and post harvest technologies for horticulture crops. About 130 farmers, farm women, rural youth and NGO members participated in the Technology Day.





#### ICAR-KVK, ERNAKULAM

95th ICAR Foundation Day was organised with a series of programmes from 16-18, July, 2023. Precision harvesting towards live fish marketing demonstrated. Live fish marketing essentially requires precision harvesting where the fish is not injured or even stressed. The ICAR KVK Ernakulam demonstrated precision fish harvesting method on the occasion of ICAR Foundation Day. Live fish marketing fetches premium price and enhanced income to farmers. Mini rice mill for On-farm paddy processing demonstrated. The Ernakulam KVK demonstrated operation of a Mini rice mill of capacity 2 MT per day to popularise farm level paddy processing and branded marketing of locally produced rice. The post COVID high demand of locally produced rice coupled with quality rice production in mini rice mill is expected to enhance farmer's income. Technology for Mansoon management of Fish Farms demonstrated. Awareness has been created among farmers on technologies for the management of fish farms during rainy season. Major threat during monsoon is pH drop. Application of lime over the bunds demonstrated.





#### ICAR-KVK, GADAG

ICAR- K.H. Patil Krishi Vigyan Kendra celebrated 95th ICAR Foundation Day from 16th to 18th July, 2023. First and second day the millet recipe contest was organized at Asundi village of Gadag block and Singataryanakeri village of Mundaragi block. Various Ethnic Millet products like sweet payasam, dosa, pulav, tambittu, pongal etc. were prepared by farm women. The contestants were awarded with prizes. The various millets and millet products and display of millet charts showing millet importance were showcased in the exhibition. On third day the exhibition on Natural Farming, millets and value added products, drought tolerant crops, dryland agriculture was organized. The exhibition was inaugurated by Mr. P.K.Hosamani, Director, SBI-ASF-RSETI. Dr.L.G.Hiregoudar, Senior Scientist and other staff members were also present on this occasion. Dr.Sudha V. Mankani, SMS (Home Science) created awareness on importance of millet nutrition in daily diet and preparation of value added products.



### ICAR-KVK, HASSAN

On the eve of 95th ICAR Foundation Day, ICAR- KVK, Hassan organized a series of programmes from 16-18, July, 2023. Training programme on Bordeaux mixture, IPM technologies of agriculture and horticulture crops and technology exhibition was organized on 16.7.2023. Farmers were enlightened with IPM technologies of agriculture and horticulture crops. On 17.07.2023 demonstration of application of drone technology in agriculture was carried out at mudalhippe village of H. N. Pura in association with the line departments and IFFCO. Further on 18.7.2023 Demonstration of seed treatment, Jeevamrutha, Beejamrutha, lecture on use of drone in agriculture was carried out for the farmers and also technology demonstration was organized. 125 farmers participated in the programme.





### ICAR-KVK, HAVERI

ICAR – Krishi Vigyan Kendra Haveri celebrated 95th ICAR Foundation Day and Technology Day (16–18 July, 2023) at KVK Haveri. During this occasion, all the three days exhibition of agricultural technologies and training programs were conducted. On 1st day 16.7.2023 KVK conducted training program on importance of bio-pesticides in the pest management. During this occasion Dr. Guruprasad G S., Senior Scientist and Head, KVK Haveri highlighted the important technologies developed by ICAR especially ICAR-National Bureau of Agricultural Insect Resources, Bengaluru like Shatpada aphid kill, Shatpada rugose whitefly kill, Shatpada sucking pest hit, Shatpada herbicide etc and also explained the technologies were developed by ICAR-Indian Institute of Horticultural Research (IIHR), Bengaluru i.e., Arka krishi vriddhi, Arka krishi veera, Arka krishi samarakshak, Arka krishi kawach etc. On this occasion more than 25 farmers and students were participated. On 2nd day 17.7.2023 training program on importance of millet production and value addition was organised. On this day Dr. Guruprasad G S., Senior Scientist and Head, addressed on importance and usage of millets in daily food dietary. Further, Dr. Shivamurthy D. Scientist (Agronomy) narrated on ICAR technologies on millets i.e., early maturing kharif sorghum hybrid (CSH 48), developed by IIMR Hyderabad, high tillering, suitable for early and late sowing (HMT 100-1) in foxtail millet developed by UAS Dharwad. Mrs. Vidya Sangannanavar Scientist (Home Science), briefed on technologies on millet value added foods which was developed by IIMR, Hyderabad i.e., puffs from foxtail millet, extruded snacks, millet instant laddu mix, millets semolina, millets vermicelli etc. On this occasion more than 30 farmers were participated. On 3rd day 18.07.2023 conducted training programme on Scientific Sheep and Goat farming, inaugurated by Dr.Paramesh Hubballi, Assistant Director, Department of Animal husbandry and Veterinary Services, Ranebennuru. He briefed about different Government schemes for sheep and goat farmers. Dr. Guruprasad G S., Senior Scientist and Head KVK Haveri, during his presidential remarks highlighted the objectives and mottos of ICAR and their institutes and importance of sheep farming in livelihood sustainability as a part of integrated farming system. Dr.Mahesh Kadagi, briefed on ICAR-CSWRI released Indigenous intra-vaginal sponges for oestrus induction and synchronization and ICAR-NIANP released technologies like area specific mineral mixture, mineral block and drum silage technologies were highlighted. Totally 30 farmers were witnessed the program.





### ICAR-KVK, IDUKKI

95th ICAR Foundation Day and Technology Day, Technology Exhibition was organized at ICAR-Krishi Vigyan Kendra Idukki KVK Seminar Hall from 16th July to 18th July 2023.Dr. S Jayababu, SMS (Animal Science) welcomed the farmers and dignitaries in the programme. The programme was inaugurated by Shri T P Ravi, Former Rajakumari Grama Panchayat President in presence of Dr. R.Marimuthu, Senior Scientist and Head on 16.07.2023. In his inaugural address he said that technologies enable farmers to increase yields with advanced tools and techniques that include the use of sensors, drones and GPS to monitor crop growth, optimize inputs like water, fertilizer and pesticides for upliftment of farming community. Representatives from IFFCO, SPIC, UP, Rajshree Bio-solutions, Tropical Agro Private Limited, Tata Rallis Limited, Syngenta Agrochemical Company, Sudarshan Chemical Industries Limited and Olympic Pharmaceuticals exhibited their Technologies and products in the event. Mr. Sudhakar Soundarajan Subject Matter Specialist (Plant Protection)) and Mrs. Manju Jincy Varghese, Subject Matter Specialist (Soil Science), ICAR-KVK, Idukki handled sessions on Integrated Pest & Disease Management in Cardamom Cultivation and Soil Health Management. 460 farmers and officials participated in the programme





#### ICAR-KVK, KALABURAGI-I

Dr. Yusufali, Scientist (Agronomy) ICAR-KVK, Kalaburagi-I, was present along with other scientists in a special session of "Improved Agronomic Practice" and also role of KVKs in Agriculture to the DAESI students organised at KVK campus and District Agricultural Training Centre (DATC), Kalaburagi on the eve of 95th ICAR Foundation Day Cum Technology Celebration on 16.07.2023. Day-2 : KVK Scientists organised online training programme on "Agricultural practices for present scenario" on 17.07.2023 Total 57 farmers and extension functionaries were participated. Day-3 : On the occasion Dr. Vasudev Naik, Scientist (Horticulture) gave awareness about technology released by ICAR to the Agri. Students on 18.07.2023.





#### ICAR-KVK, KALABURAGI-II

On the occasion of celebration of 95th ICAR Foundation day and Technology day (three days on 16, 17 and 18th July2023). Exhibition cum capacity development programme was organised at ICAR-KVK, Kalaburgi-II. The first day ie., 16-07-2023 inauguration of ICAR-Foundation day was organised with exhibition of various technologies developed by ICAR institutes like IIHR & NRC on Pomegranate products viz., Citrus special, Arka Microbial Consortium, Banana special, Pongamia soap, Pomegranate special and variety technologies like bio fertilizer, Bio microbial pesticides like PSB, *Trichoderma virde*, *Pseudomonas*, *Metarhi ium*, Neem oil, various traps for insect monitoring etc and also seed of improved varieties of millets, pulses, oilseed and fodder seeds were exhibited and organised capacity development program on recent improved production technologies of guava and lime. A total of 110 farmers and farmwomen benefited the program. On second day 17.7.2023, same exhibition was continued and conducted capacity development program on improved production technologies on cotton and sugarcane. On third 18.7.2023 exhibition was organised.





### ICAR-KVK, KANNUR

A three-day awareness programme on cash crops including coconut, arecanut, and black pepper was conducted as a part of the ICAR Foundation Day celebration at Krishi Vigyan Kendra, Kannur, Kerala. The newer technologies for the scientific management of cash crops were introduced to the farmers during the training programme. A demonstration on paddy seedling dip in pseudomonas was conducted at Kuttiyeri Padasekharam to protect the seedling from diseases.



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#### ICAR-KVK, KASARAGOD

ICAR- KrishiVigyan Kendra, Kasaragod has organized a one day workshop on Millets on July 18, 2023. Dr. DVS Reddy Principal Scientist, ICAR-ATARI Bengaluru inaugurated and Dr. Vinayaka Hegde, Head, Crop Protection ICAR CPCRI Kasaragod presided over the function. He made presentation on problems and prospects of millet cultivation in India. Dr. DVS Reddy emphasized the need of including millet in our daily diet by considering its high nutrition value and its nutraceutical properties. He also mentioned that millets are climate smart crop and is suitable for organic cultivation. Dr. Jincy VS, Asst. Professor KAU handled a session on varieties and cultivation practices of millets. Dr. Saritha Hegde SMS (Home Science) KVK Kasaragod delivered a lecture on value added products from millets. Two entrepreneurs trained by KVK Kasaragod shared their experiences in the production of value added products from millets. An interactive session with the participants and experts on cultivation, processing and value addition of millets was also organized. An exhibition of value added products from millets prepared by Self Help Groups was also arranged along with work shop. The work shop was attended by 112 participants which included farmers, entrepreneurs and extension personnel. The ICAR- Krishi Vigyan Kendra, CPCRI, Kasaragod organized one EDP training programmes on "Preparation of millet based biscuits" for twenty entrepreneurs from Waynad district. The programme was organised for imparting training on the production of biscuits and cookies for providing to the children. Low cost nutritious biscuits and cookies were demonstrated which provide 1190 calories and 18 g protein per 100 g.





#### ICAR-KVK, KODAGU

A series of programmes were planned and executed from 16th-18th July 2023 as part of celebration of 95th ICAR Foundation Day and Technology Day at ICAR-KVK Gonikoppal, Kodagu District. On the first day, ICAR-KVK Gonikoppal, Kodagu in collaboration with ICAR-IIHR-CHES, Chettalli conducted a capacity development programme on diversification of coffee estate with butter fruit planting followed by an exhibition of latest technologies and products of KVK Kodagu and CHES Chettalli. Later, the avocado planting material was distributed to the sixty-seven participants. On second day ICAR-KVK Gonikoppal, Kodagu in collaboration with Technology Evaluation Center, Coffee board South Coorg conducted a capacity development programme on mitigation of heterogeneity in Robusta coffee through clonal propagation. The program was inaugurated by Dr. Sridevi, Deputy Director Extension, Coffee Board. Also a special talk and method demonstration of clonal propagation in coffee was arranged by Dr.Chetan, Plant breeder, Coffee Board. A total of fifty-two farmers participated in the programme. On the third day an exhibition in collaboration with ICAR IISR-RS-Appangala was arranged, depicting various spice crops, latest technologies of coffee board, followed by certificate distribution to the trainees of Garden keeper under ASCI Skill Development programme.





### ICAR-KVK, KOLAR

On the account of 95th ICAR Foundation & Technology Day celebration, Agriculture & Horticulture technology Exhibition and training programmes were organised at ICAR-KVK, Kolar from 16-18 July 2023. The salient keynotes of the programme include High tech Horticulture & Integrated Plant protection techniques, Value addition in millets & cocoon bio-crafts and Organic & natural farming. In this context, technologies pertaining to above headings, planting materials of various crops produced at KVK farm and stalls from 3 successful start-ups were evinced. The opening day was inaugurated by Dr. V. Nachegowda, Retired DR, UHS, Bagalkote who highlighted on importance of ICAR in mastering agriculture education, research and extension in the country. Dr. Shivananda V. Hongal, SS & Head presided over the function briefed the significance of ICAR in the development of farming community. Event had lecture on IPM & protected cultivation. A progressive farmer Mr. Prabhakar addressed the importance of Organic farming. Around 60 farm men & women benefited from the programme. Second day program was inaugurated by Dr. H.S Shivaramu, Dean (Hort.), COH, Kolar who influenced the gathering on the Importance of Minor Millets for nutritional security. Dr. Sivananda V. Hongal, chaired the function and created awareness on cultivation & consumption of millets. Lecture session on Post-harvest Management of Mango, importance of Arka Herbi Wash, Climate variability and its impact on agriculture as well as popularization of Meghdoot and DAMINI applications was organized. Mr. Raghavendra, Deputy President, Gram Panchayat, Honnenahalli and around 60 farm women from Shri. Dharmasthala Stri Shakti Sangha were present and benefited from the programme. The inception of last day program was done by Smt. Roopadevi, JD Agriculture, DoA, Kolar. Dr. Shivananda V. Hongal presided over the function. Mr. Subramanya Naidu and Mr. Channappa, Public Representatives from Kolar have evidenced the occasion. There was lecture on the Importance of Natural Farming and Sericulture crop residue management through waste Decomposer consortia. About 63 farm women from Shri. Dharmasthala Stri Shakti Sangha involved & benefited from the program. Same day, Dr. Asha, K.M., (Horticulture Scientist) along with Mr. T.M., Shreenivas, President, Lakshmisagar HFPO, Srinivaspura Taluk represented KVK, Kolar in "KVKs and FPOs Interface" organized at Pusa campus, New Delhi. Totally 192 farmers, farm women and members of Stri Shakti Sangha of Kolar and KVK Scientists have participated in the programme.





#### ICAR-KVK, KOLLAM

The 95th ICAR Foundation Day was celebrated at KVK Kollam from 16th – 18th July 2023. The events organized emphasized the significance of scientific crop production practices, precision farming, as well as the importance of sustainable and climate-resilient agriculture. Special stress was given on Monsoon Care in Animal Husbandry. In all, 4 capacity build programmes were organized in the aspects of Scientific Papaya Cultivation and Monsoon Care in Animal Husbandry (Day one), Season bound crop cultivation and Carbon Neutral Farming (Day two). A total of 110 farmers, farm women and rural youth participated in the capacity building programmes organized on first two days. Day two proceedings were inaugurated by D. S. Rajan, Karavaloor Gram panchayat Vice-President. Yohannankutty, Ward Member and S. Krishnakumar, Agricultural Assistant, Krishibhavan, Karavaloor also attended the programme. Day three was a special day, dedicated to differently abled students of CSI VHS & HSS, Valakom. A demonstration on usage of nutrients stick in grow bag vegetable for tomato and chilli was organized for the nutri garden established at the school premises. Forty students, teachers and Agricultural Officer, Ummanor pachayat attended the demonstration.





#### ICAR-KVK, KOPPAL

95th ICAR Foundation day and Technology day programmes from 16th -18th July 2023 at KVK, Koppal. 1st Day of the technology day was organised at Chellur village on 16th July, 2023. Information regarding machine transplanting in paddy, paddy varieties suitable for saline soils, drone application in paddy crop etc., given to the participant farmers. More than 100 farmers participated in the programme. 2nd Day of the technology day was organised at Bhairnayakanhalli village on 17th July, 2023. Information regarding improved varieties of millets, value addition in millets, pulse magic, chickpea magic, nipping technologies in Redgram and Chickpea etc., given to the participant farmers. 3rd Day of the technology day was organised at Kudremoti village on 18th July, 2023. Information regarding improved varieties /hybrids vegetables and fruits, value addition in horticulture crops, application of a Arka vegetable special, mango special, banana special, citrus special, etc., given to the participant farmers and farm women. More than 54 farmers and farm women participated in the programme.





#### ICAR-KVK, KOTTAYAM

ICAR 95th Foundation & Technology Day was organized in a befitting manner during 16th -18th July 2023. A two day training programme on capacity building for value addition of nutmeg rind was organized for 57 women entrepreneurs. Training on "Innovations in Agricultural Extension System" was organized for students from Tripura in collaboration with National Institute for Rubber Training. Awareness programme on integrated weed management in rice was conducted for stakeholders of NICRA project on 16th July, 2023. Scientists of KVK Kottayam participated in the workshop organized by LSGD to formulate plan of action for the integrated development of Ettumanoor Block on 17th July, 2023.













#### ICAR-KVK, KOZHIKODE

The 95th Foundation Day of Indian Council of Agricultural Research (ICAR) was celebrated by ICAR- IISR- Krishi Vigyan Kendra, Peruvannamuzhi, Kozhikode by organising exhibition and capacity building programmes. The exhibition on millets and natural farming was organised at KVK Peruvannamuzhi for all 3 days from 16th - 18th July 2023 in which various technological inputs and posters were exhibited. Natural health care and diabetic foods, Kayanna, Kozhikode, a SHG involved in promotion of millets also displayed their products. On 16th July 2023 ICAR Foundation day the Head of KVK participated in workshop cum exhibition on Millets organised by Millet Mission Kerala at Darunnujoom College of Arts and Science, Perambra, Kozhikode. The programme was inaugurated by Mr. Babu NP, Block Panchayat President Perambra and Dr. P. Ratha Krishnan Head and Principal Scientist KVK delivered lecture and discussed on "Potential of Millets Cultivation in Kozhikode District". Total Ninetyeight individuals attend the programme. Exhibition and sales of millet grains and value added products were displayed and sale by three groups viz., Natural health care and diabetic foods, Kayanna; Vayal Jaiva Kalavra, Perambra and Organic and millet products Ltd, Vadakara. On 17th July 2023 a capacity building programme on Scientific dairy farming was organised at KVK Peruvannamuzhi. The classes were handled by Dr. S. Shanmughavel, SMS Animal science in which 19 farmers attended the programme. They also view the exhibition at KVK hall. On 18th July 2023 a training programme on Pepper nursery, bush pepper production and farming was organised at KVK which was handled by Dr. P. S. Manoj, SMS Horticulture in which 26 individuals participated and acquired hands-on experience in bush pepper production. The participants were also interacted with Dr K.M. Prakash, SMS (Agronomy) and viewed the exhibits at KVK with the theme on "Natural farming and Millets".





### ICAR-KVK, LAKSHADWEEP

Based on the request from the UT administration of Lakshadweep, KVK has provided vegetable seeds for 2000 households in 10 inhabited islands of Lakshadweep for the consecutive third year. This initiative was started during the ICAR 95th Foundation Day and Technology Day. The initiative is under the convergence with the Department of Agriculture, UT administration of Lakshadweep. The varieties of ICAR-IIHR that have been evaluated jointly since 2021 by the KVK and the Department of Agriculture have been provided. Prior to implementation of this programme Dr. P.N. Ananth had detailed discussion with the scientists of ICAR-IIHR on 26-6-2023 at Bengaluru. Due to monsoon and inadequate conveyance the distribution of seeds have been informally provided to the farmers. The seeds were dispatched from Kochi to different islands through ship. Seeds that can be sown directly have been provided to the farmers. The other vegetable types will be sown in the agriculture farms in different islands and will be provided as seedlings to farmers. The Department of Agriculture has requested KVK to coordinate the activities related to the seed distribution, monitoring and evaluating the nutri-gardens for 2023-24. The work is coordinated by Mr. Santhosh Kumar Reddy, IFS, Secretary (Agriculture) and Dr. P. N. Ananth, Head, KVK. In this convergence the Department of Agriculture and KVK have been vested with respective roles to be performed for the effective implementation of this initiative.







### ICAR-KVK, MALAPPURAM

Celebrating 95th ICAR Foundation Day, three-day ICAR Exhibition cum Sales Event at Kuttippuram, Tavanur, Ayankalam by KVK Malappuram was organised. The Krishi Vigyan Kendra (KVK) Malappuram organized a remarkable three-day Exhibition cum Sales event at Kuttippuram, Tavanur, Ayankalam to commemorate the ICAR Foundation Day and raise awareness about ICAR technologies for the betterment of farmers. The event aimed to showcase innovative agricultural practices and technologies developed by the Indian Council of Agricultural Research (ICAR) and facilitate their adoption among farmers. Over the course of three days, farmers, agricultural enthusiasts, and the general public actively participated in various exhibitions, interactive sessions, and sales activities, making the event a resounding success.





#### ICAR-KVK, MANDYA

ICAR-KrishiVigyan Kendra, V.C. Farm, Mandya organized capacity building programme on "Improved cultivation practices in paddy and Maize". During the programme Dr. Atheefa Munawery, Scientist (Soil Science) briefly explained about soil test based nutrient application along with the use of micro nutrient. Improved cultivation practices like selection of recently released improved varieties and hybrids and mechanization in paddy was explained by Dr.Rekha Badalingappanavar, Scientist (Agronomy). Dr. Pavithra, S, Scientist(Plant Pathology) demonstrated eco-friendly pest management through use of Pheromone traps, Trichocards, Neem soap and Bio-agents like Trichoderma and pseudomonas. There were 42 farmers and farm women benefited in the programme. Exhibition of newly released varieties of paddy, ragi, value added products of minor millets, eco friendly technological products were displayed for the benefit of the farmers. On Second day (17.07.2023) organized training programme on "Integrated pest and disease management in coconut" at KVK. Dr. Pavithra, S, Scientist (Plant Protection) briefed about different management practices in coconut and demonstrated root feeding method, pheromone trap installation and release of parasitoid for management of black headed caterpillar. There were 41 farmers and farm women benefited in the programme. On 3rd day on (18.07.2023) ICAR-Krishi Vigyan Kendra, V.C. Farm in collaboration with Women and child development department, Mandya organized "Millet Recipe Competition" on the occasion of international year of millets and 95th ICAR-Foundation day. The programme was inauguration by Smt. Rooparani, President, Ganadalu Grama Panchayat, Mandya and highlighted importance of millet crops and use of millets in daily diet. Dr. N. Shivakumar, Associate Director of Research, Zonal Agricultural Research Station, V.C. Farm, Mandya in his address he mentioned millets are climate resilient crops -resistant to climatic stress, pest and disease and requires less water and inputs. These millets are nutririch can be used in the daily diet to improve their health. Smt. Champakumari, CDPO, Women and child development department, Mandya explained department facilities and services to the gathering. Dr. Kamalabai Koodagi, Scientist (Home Science) stressed on nutritional and medicinal importance of millets, processing and value addition. On the occasion of millet recipe competition varieties of millet recipes were exhibited by the Anganawadi workers, farm women and shared their experience about the competition. The recipes were evaluated by team of members to finalize winners of the competition. Finally, the certificates and prizes were distributed the winners. There were 78 Anganawadi workers, Farmers and farm women participated in the programme.





#### ICAR-KVK, MYSURU

ICAR 95th foundation day celebration and technology programs at ICAR JSS KVK Mysuru (16-18 July 2023) Day-1: ICAR JSS KVK Mysuru planted minor fruit plants like, Jackfruit, Water apple, Rose apple, Carambola etc at KVK Campus involving farmers, extension workers, FPO functionaries and KVK staff. Nearly 45 participants participated during the program, planted nearly 20 minor fruit plants in KVK campus. Day-2 : Technological products like, banana special, vegetable special, vibhoothi, Arka Microbial Consortium (AMC), *Trichoderma* and *pseudomonas*, sticky traps, pheromone traps etc exhibited in KVK training hall. Apart from KVK technological products, vocational tailoring training woman trainees exhibited different designed clothes such as blouse, frocks, long skirts etc in the exhibition program. More than 40 women trainees displayed more than 300 stitched designed clothes. Day-3 : ICAR JSS KVK Mysuru organized a 3 days training program on "Scientific sheep and goat rearing" at KVK campus for rural youth. Veterinary Department Deputy Director Dr. Shadaksharymurthy and JSS MVP Mysuru, Director Horticulture Shri. N M Shivashankarappa inaugurated the programme. Nearly 46 participants from Mysuru, Mandya, and Chamarajnagar participated during the training program.





#### ICAR-KVK, PALAKKAD

Krishi Vigyan Kendra, Palakkad, has conducted an exposure visit for 17 selected farmers from NICRA village of Pattithara Panchayat to the 21st edition of India's Prime Agricultural Trade Fair "AGRI INTEX 2023" located at CODISSIA Trade Fair Complex, Coimbatore, India. Live demonstrations of agricultural equipment, hand tools, irrigation systems, millet plots, and Integrated Farming Systems, as well as presentations of the latest agribusiness technologies, were the fair's main features. A capacity building program on vegetable cultivation was conducted at KVK, Palakkad. The training covered crop production and crop protection aspects of various vegetables. Around 40 farmers attended the program. Capacity building on value addition of fruit and vegetables Hands-on training for farmers on fruit and vegetable processing was conducted as a part of ICAR Foundation Day in KVK Palakkad and around 30 farmers attended the program. The training covered a wide range of topics related to fruit and vegetable processing, like selecting fruits and vegetables for processing, pre-treatment of fruits and vegetables, processing methods (e.g., dehydration, canning, freezing), packaging and storage. The farmers also had the opportunity to participate in hands-on training sessions on various processing equipment. Millet sowing at Attappady Tribal extension centre, a unit of KVK Palakkad operating at Attappady convened a farmers meeting as a part of the 95th ICAR Foundation Day celebration on 17.07.23. OFT on assessment of ragi varieties was initiated on the day.





### ICAR-KVK, PATHANAMTHITTA

ICAR-Krishi Vigyan Kendra, Pathanamthitta celebrated the 95th ICAR Foundation Day and technology day at KVK Campus from 16th to 18th July 2023. Exhibition on the technological products of KVK and Millets was organized as part of the celebration. 2023 being observed as the International Year of Millets, millet-based products of KVK and the entrepreneurs were prominently featured the programme. Through the exhibition, promoted the technological inputs like organic manures, organic pesticides, micronutrient supplement like 'Kalpavardhini' for coconut cultivation, 'Banana Magic' for banana cultivation, 'Vegetable Magic' for vegetable production, Waste Decomposer for quick decomposition of organic residues, vegetable fruit trap and banana collar ring were promoted. Capacity building programme on Scientific pepper cultivation was organised on 17th July 2023. Topics like Pepper varieties, Propagation methods, Nutrient management, pest and disease management and its value addition were covered in the training. On 18th July, skill development training on Vaccination, Biosecurity and disease prevention in Poultry commenced. The schedule includes Small scale poultry rearing and management, Biosecurity in poultry farms, vaccination, future prospects , marketing strategies and project formulation.128 farmers covering 41 per cent farm women participated in the programmes.





### ICAR-KVK, RAICHUR

Millet Food Recipe Competition : To spread awareness on use of millets in our daily diet, the Government of India has declared this year as international millets year. ICAR-KrishiVigyan Kendra, Raichur celebrated this by conducting millet recipes competition to the farm women in the district. On 7th July 2023, in collaboration with Agriculture Extension Education centre, Lingasuguru. KVK, Raichur has conducted a mega event for more than 40 farm women. Different recipes from millets were made and exhibited in the competition like Sajje Jilebi, Ragi Cake, Millet Madali, Cookies, Bisibelebath, Barfi, Laddu, Payasa, Pulava, Ragi Rotti, Navane Holige. In addition to this different millet products developed by University of Agricultural Sciences, Raichur were also exhibited in the programme to showcase new invention in millet processing and value addition. In this mega event more than 50 farm women were witnessed this programme and get benefited.





### ICAR-KVK, RAMANAGARA

Celebration of 95th ICAR Foundation & Technology Day at ICAR-KVK Ramanagara 16th to 18th July 2023. Day-1 : Capacity building programme on "Importance and value addition of millets" was organised. Senior Scientist and Head Dr. Lata R. Kulkarni emphasised the importance of millets in daily diet and demonstrated the millet based recipes like millet laddu, millet nipat, millet chakuli, millet malt mix, millet payasa and millet bisibelebath. Dr. Sowjanya, S., Scientist (Agricultural Extension) highlighted the role of ICAR in Indian agriculture, PMFME scheme, drudgery reduction technologies. Day-2 : KVK in collaboration with Department of Sericulture, Magadi organized a capacity building programme on "Improved Agronomic & Pest Management Practices in Mulberry". Dr. Rajendra Prasad, B S., Scientist (Plant Protection) briefed holistic management of pests using nutrients, bio-agents and need based synthetic chemicals in mulberry. KVK Ramanagara and NBAIR jointly working to manage thrips and mites menace using Shatapada-All Rounder (Microbial product) in Farmers field were highlighted. Day-3 : Capacity building programme on "Improved cultivation practices of fodder crops" was organised. Dr. Dinesha, M.S., Scientist (Agronomy) highlighted about the improved varieties of fodder crops, their cultivation practices and its benefits by showing demo blocks. He told that KVK is popularizing new varieties Napier grass (PBN-342, BNH-10, BH-18, DHN-6, CO-5 and Super napier) Guinea grass, Seteria, Tripsacum, Rhodes, Paragrass, Signal grass, Lucerne, hedge lucerne, multi-cut fodder Sorghum (COFS-31), Subabul (Wondergraze) and Chaya fodder crops.





#### ICAR-KVK, SHIVAMOGGA

Krishi Vigyan Kendra, Shivamogga organized 3 days technology day on the eve of 95th ICAR Foundation Day from 16th to 18th, July 2023. During the event an exhibition was showcased on the recent technologies released from universities and technologies popularized by KVK for the benefit of farming communities. The exhibition was inaugurated by Dr. K.T.Gurumurthy, Director of Extension, KSNUAHS, Shivamogga associated by Dr. B. HemlaNaik, Director of Research, KSNUAHS, Shivamogga, Dr. Pradeep S. Associate Director of Research, ZAHRS, Navile and Dr. B.C. Hanumanthaswamy, Associate Director of Extension, Iruvakki campus. Inaugural address by Dr.K. T. Gurumurthy opined that agricultural technologies showcased for the benefit of farmer should be adopted in large scale and KVKs should promote startups avenues to encourage value added products. The Technology day were scheduled with detailed training programme. Day 1: On campus training on Role of social media and ICTs in Agriculture development was delivered by Dr. Sahana, Scientist (Agricultural Extension) and 2nd session was on integrated nutrient management in plantation crops by Dr. Anjali, scientist (SS & AC) KVK Shivamogga. A total of 60 participants were enlightened with this programme. Day 2 : A training programme was organized on integrated crop management in ginger. Dr. Bharath Kumar Scientist KVK Shivamogga briefed on the ginger cultivation, soil management, ginger varieties and water management in ginger crop. The session was followed by Dr. Suresh Patil explained on the integrated disease management in ginger and Dr.R.Girish, Scientist (Plant protection) explained on natural farming in ginger and pest management strategies. A total of 50 farmers actively participated in this programme. Day 3 : Training on use of liquid biofertilisers and compost methods were organized for ATMA officials at KVK, Shivamogga. Resource persons Dr. Basavalingaiah, Associate Professor (Agronomy), Dr. Sowmya, Associate Professor (Agronomy) and Dr. Sannathimmappa, Senior Scientist &Head, KVK, Shivamogga explained on various forms of biofertilizers, their role in Agricultural crops. A total of 40 Extensions officials got benefitted by this programme.





### ICAR-KVK, THRISSUR

ICAR 95th Foundation & Technology Day celebration was scheduled from July 16th – 18th, 2023 at KVK Thrissur. Day-1 : A workshop on Secondary Agriculture was conducted for Extension Personnel and 22 officers participated. Dr. Sajeev M.S., Principal Scientist, CTCRI was the resource person.

Day-2 : Training on "Integrated pest and disease management" was conducted for farmers and 28 participated. Dr. Deepa James, SMS (Plant Protection) handled the session. Day-3 : An exhibition and field visit were also conducted as part of the programme.







#### ICAR-KVK, TRIVANDRUM

ICAR Foundation Day celebrations were held at ICAR – KVK, Mitraniketan from 16th to 18th July 2023, involving rural youth, farmers and extension personnel. Training, awareness programmes, exhibition etc were organised in connection with the celebration of the event, which had the participation of 199 people. On 16th July 2023, an awareness programme and exhibition on Safe to Eat Vegetable Production in Homesteads was organised which was attended by 63 students and 5 staff from Government Vocational Higher Secondary School, Veeranakavu. On 17th July 2023, an awareness programme and exhibition of 90 NSS Volunteers and 8 staff of Government Vocational Higher Secondary School, Veelanad. On 18th July 2023, a training on Integrated Crop Management in vegetables was conducted which had the participation of 27 farmers and 6 extension personnel.



### ICAR-KVK, TUMAKURU-I

ICAR KVK Tumakuru-1 Organized 3 day technology day programme on the occasion of celebration of 95th ICAR Foundation day. Day-1 : Programmes on importance and layout planning of Nutrigarden for rural women to lead healthy life style. Health benefits and importance of millets processing and value added products. Inauguration of Exhibition of technologies developed by ICAR Institutes/UASB were carriedout. Day-2 : Conducted training programme on importance and maintenance of desi cow in rural village, health benefits of desi cow milk and value added products from cow dung. Day-3 :Training programme was conducted on Integrated crop management in pomegranate and paddy.





#### ICAR-KVK, TUMAKURU-II

Day-1: ICAR – KrishiVigyan Kendra, Hirehalli, Tumakuru II organized a one-day Agricultural and Horticultural - Exhibition programme on 16.07.2023 as part of 95th ICAR Foundation day and Technology day. Shri G.S. Basavaraj, Honourable Member of Parliament, Tumakuru, inaugurated the exhibition and interacted with exhibitors. This is the first time, the Foundation day is celebrated as Technology day, and therefore, an exhibition was organized at the KVK to showcase ICAR technologies for the benefit of farmers, students and entrepreneurs. The programme started with ICAR theme song and Raitha Geethe. Shri K.N.Jagadish SMS (Agril.Extn) welcomed the dignitaries and gathering. Dr. Loganandhan, N., Head, KVK, delivered introductory remarks on the programme in which technological products of KVK that are available for the benefits of farmers were covered.

The programme was inaugurated by lighting the lamp by Hon'ble MP G.S. Basavaraj, in presence of Dr. Loganandhan, Head, KVK, Mrs. Keerthi Prabha, DDM, NABARD, Mrs. Sharadamma, Deputy Director of Horticulture, Mrs. Bhagya Satish, Gram Panchayat President, Mrs. Shilpa Madan, Gram Panchayat member Hirehalli also graced the occasion. Shri G.S.Basavaraju, in his inaugural address, requested that the educated youth to stay in villages instead of moving to urban areas and use innovative technologies under the guidance of KVK staff. Mrs. Sharadamma, DDH, shared information about the programs related to crop insurance to the farmers. Shri Keerthi Prabha, DDM, in her speech gave information about the schemes available from NABARD. President Mrs. Bhagya Satish in her presiding address said that KVK had provided new technologies to the farmers, by implementing them in their fields, farmers can earn more profit. About 18 different government and non-government organization participated in the programme with their stalls and more than 560 farmers and farmer women participated and took advantage of the exhibition. Fruit seedlings, vegetable seeds, agricultural implements and other value added products were sold in the exhibition. Dr Somasekhar, SMS (Plant Breeding) delivered vote of thanks. Scientists and staff of the KVK actively participated in the programme.

Day-2: Two lectures were organised for DAESI trainees of KVK, Hirehalli, Tumakuru. Shri Diwakar, CEO, Arekal Organics and Bio-fertilizer Private Limited, Bengaluru, an avid entrepreneur cum licence holder of IIHR Technologies covered the topics on IIHR Technological products like Arka Decomposer, AMC, Mango Special, Vegetable Special and Citrus Special. Afternoon Shri Anand Kumar, Director, AVISKAR, NGO, Tumakuru delivered a talk on Role of FPOs, Organic Farming in Agriculture and Horticulture Crops, Soil and Water conservation, preparation of organic formulation. About 43 trainees participated in the programme. Programme coordinated by Shri Ramesh PR, SMS (Soil Science).

Day-3: Three lectures were arranged for the farmers. They are 1. Soilless culture of Vegetables by Dr.Kalaivanan, Sr. Scientist, IIHR, Bengaluru 2. Food and Nutrition habits in Milch animals by Dr. ShadaKshari, Progressive Farmer, Gadag 3. Diseases control in Milch animals by Dr. Kumar, Department of Animal Husbandry, Hirehalli 4. Grafting techniques in orchards by Shri Prasanth J.M, SMS (Horticulture). About 47 trainees participated in the programme. Programme was coordinated by Ms. Radha R.Banakar SMS (Home Science) and Shri K.N.Jagadish SMS (Agril.Extension).

















#### ICAR-KVK, UDUPI

In view of 95th ICAR Foundation Day a 3 days of Agriculture Technology programme was arranged at ICAR-KVK Udupi for the Extension workers,Rural youths, Farm women and farmers of the district from 16.07.2023 to 18.07.2023. Dr. Lakshmana, Associate Director of Research, ZAHRS Brahmavar inaugurated the programme. In his inaugural address he mentioned ICAR and KVK's importance and their role in farming community and he appraised the work of KVK in the district.

Dr. Dhananjaya B, Senior Scientist & Head , ICAR-KVK Brahmavara who presided the programme in his presidential remarks mentioned the foot prints of ICAR in 95 years and technology given by these council for the farming community is remarkable. Dr. Naveen N. E., Scientist (Agronomy) KVK Brahmavara resource person for the training programme, highlighted the Role of Drone in Modern agriculture and its usage in Agriculture after the training he gave the method demonstration of Drone Flying in Agriculture crop. Dr. Raviraja Shetty G, Scientist (Horticulture), KVK Brahmavara, Dr. Jayaprakash R. Scientist (Soil Science), KVK Brahmavara, Dr Sadananda Acharya B, Scientist (Fisheries Science), KVK Brahmavara, Mr. Ranjan Shetty, Co-ordinator of DAESI were present in the programme. Day-2 :

Technology on cage culture of seabass fish was introduced and demonstrated to the partcipants and visitors on 18th July 2023 at ICAR-Krishi Vigyana Kendra, Brahmavara, Udupi. As many as 35 trainees, visitors and guests participated in the event. Dr. Shrinivas Hulkoti, Technical Assistant (Fisheries) ZAHRS, Brahmavara was resource person on the cage culture technology. Dr. Sadananda Acharya, Scientist (Fisheries Science) coordinated the event. Day-3 : Integrated Crop management in Plantation Crops as a part of Technology week, an on campus training programme on Integrated Crop management in plantation crops was held at KVK Brahmavara on 17.07.2023. The farmers were informed about scientific cultivation and cultural operations to be followed in major plantation crops of coastal zone like coconut, Arecanut, cashew and oil palm. Dr Raviraja Shetty G, Scientist (Horticulture) organized the programme.



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### ICAR-KVK, UTTARA KANNADA

The technology day and exhibition was organized between 16.07.2023 to 18.07.2023 at ICAR-Krishi Vigyan Kendra, Uttara Kannada, Sirsi on the occasion of 95th ICAR Foundation day. First day mushroom cultivation technologies training was organized to SHG members and demonstrated CMT screening techniques for screening sub-clinical mastitis, post milking lactifecne teat dips application, stem injection techniques in banana to control Panama wilt and Multi use Carbon fibre pole for harvesting and spraying in arecanut and coconut orchard. On second day organized training to KNC FPO members on backyard poultry farming was organised and demonstrated probeads, pre and probiotic supplementation to improve the survivable rate, growth and production at Mavinakatta village. Last day of the programme was organized at Honitota village to Sarvagnanendra FPO members on integrated technological approaches like, polythene mulching, application of bio-agents, like *Trichoderma, Pseudomonas, Paecilomyces*, VAM after enriching with FYM and neem cake and micronutrients application to overcome problems of quick and slow wilt, spike shedding in black pepper.





#### ICAR-KVK, VIJAYAPURA-I

Day-1: KVK Scientists & Staff along with B.Sc (Agri) students and farmers of Vijayapura district attended live telecast. Around 28 participants participated in this programme at ICAR-KVK-Vijayapura-I. Day-2: Exhibition was organised to showcase the technologies related to livestock, plant protection, and drudgery reducing technologies, millet samples and value added products of lime were exhibited & displayed different folders, leaflets. A total 36 participants participated. KVK Scientists explained about the cultivation practices of millet, importance of processing & value addition of millets, different varieties of fodder, importance & application of nano-fertilizers in crop production and different apps related to agriculture. On the eve of International year of millets-2023, ICAR KVK Vijaypur-1 and AICRP Sorghum has organized one day training programme on Millets and their usage in day-to-day life. At the beginning, Dr. S. S. Kharbantnal, Principal Scientist and Head, AICRP Sorghum gave introductory remarks on millets and Dr. S. M. Vastrad, Senior Scientist and Head of KVK welcomed all the dignitaries to the function. The training programme was inaugurated by Dr. I.K. Kalappanavar campus head and Dean (Agri) in the presence of Dr. Shekarappa Associate Director of Research and Dr. R. B. Belli Associate Director of Extension Vijayapur. Dean (Agri) addressed the gathered farmers and highlighted the importance of millets in day today life and gave a call to participants to use millets for healthy life. ADR and ADE were also briefed the importance of millets for present generation as well as future. The programme ended with vote of thanks from Dr. Sangeetha Jadhav. Technical session by Dr. Shilpa Chogatapur and Dr. Shweta Mannikeri were participated as resource persons in the training. The programme was attended by 41 participants.





### ICAR-KVK, VIJAYAPURA-II

ICAR KVK Vijayapura-II (Indi) celebrated 95th ICAR foundation day on 16.07.2023 by making arrangements for live webcast from NewDelhi. During the programme Dr. Shivashenkaramurthy M. Senior Scientist and Head, briefed about the use of Arka Citrus Special in lime to the farmers. On 17.07.2023 conducted technology day programme on use of vermi-compost manure and its application methods to farmers at Satalgaon village of Indi taluka by Dr. Savita B. Scientist (Soil Science) and Dr. Prakasha G. Scientist (Agronomy) to Pomegranate and lime crop. On 18.07.2023 gave live demonstration of use of Arka citrus special by all KVK scientists and explained about the value addition in lime and millets to farmers by Dr. Veena Chandavari Scientist (Home Science) at Ahirasanga village of Indi taluka. In all these three days around 110 farmers were benefitted by these technologies.





ICAR-KVK, WAYANAD

KVK Wayanad had celebrated 95th ICAR Foundation Day 2023 by conducting of various programmes on 16-07-2023 to 18-07-2023 at the station.

Day-1: Animal Health Camp was conducted at Valluvady, Sulthan Bathery by KVK Wayanad. Training on scientific calf rearing and disease management was conducted along with the programme. Dr. Safia N E, Senior Scientist and Head, KVK Wayanad welcomed the gathering. Sri. Jayachandran, Ward member presided over the function. Inauguration of the programme was done by Smt. Sheeja Satheesh, Panchayath President, Noolpuzha Grama panchayath. Felicitation to the programme was given by Smt. Jisha V, AGM, NABARD. Dr. Arularasan G S, Assistant Professor, Agriculture Extension, KVK Wayanad delivered vote of thanks. Animals were consulted and recommendations were given to the farmers, about 38 farmers participated. Training on protected cultivation of vegetables conducted by KVK Wayanad. Smt Ashitha M R, Assistant Professor, Horticulture, KVK Wayanad dealt the session. A total of 26 farmers participated in the programme.

Day-2: Training on Organic farming conducted by KVK Wayanad. Dr. Arularasan G S, Assistant Professor, Agriculture Extension, KVK Wayanad handled the session. 20 farmers participated in the training programme.

Day-3: Training on Value addition of jackfruit was conducted by KVK Wayanad. Dr. Safia N E, Senior Scientist and Head, KVK Wayanad dealt the detailed theory session and Smt. Priya Mariyam George, Research Assistant, Food Processing, KVK Wayanad handled the practical session 19 farmers participated in the training programme. Products like halwa, laddu, mixture and jackfruit fry were prepared during the training. KVK Wayanad had conducted one day training programme on Mushroom cultivation. Dr. Deepa Rani C V, Assistant Professor, Plant Pathology, KVK Wayanad dealt the theory session and Smt. Sruthi Krishnan K V, Research Assistant, KVK Wayanad handled the practical session. Topics like Scientific management, bed preparation, pest and disease management, spawn production...etc were coverd during the training. 60 farmers actively participated in the training programme.



### ICAR-KVK, YADGIR

ICAR – KVK, Yadgir organized training programmes on the occasion of ICAR foundation day and technology week. The exhibition and training was organized on technologies like pulse magic, nipping in red gram, DSR technology, PBW management in cotton, New varieties of Groundnut, stall fed sheep farming, Lumpy skin disease management and poultry farming in Rajankoluru village of Hunsagi taluk. More than 300 farmers and school children were benefitted. The awareness programme about DAMINI and Meghadoot applications for shepherds was also conducted to safeguard them and their animals during rainy season. 285 farmers were registered for rain forecast WhatsApp groups to avail the services from KVK, Yadgir, regularly. The quiz programme on Agriculture Sciences was conducted for school children of Rajankoluru village. Also, technical seminar was organized at KVK for extension functionaries of Yadgir district.





#### Trademark - Kisan Samriddhi

The certificate of trademark "SAMRIDDHI" registered in the name of ICAR-ATARI Bengaluru for marketing the technological inputs and products produced by KVKs and farmers.



# Green Cardamom



# Lemon Grass Oil





#### KVK KISAN KART

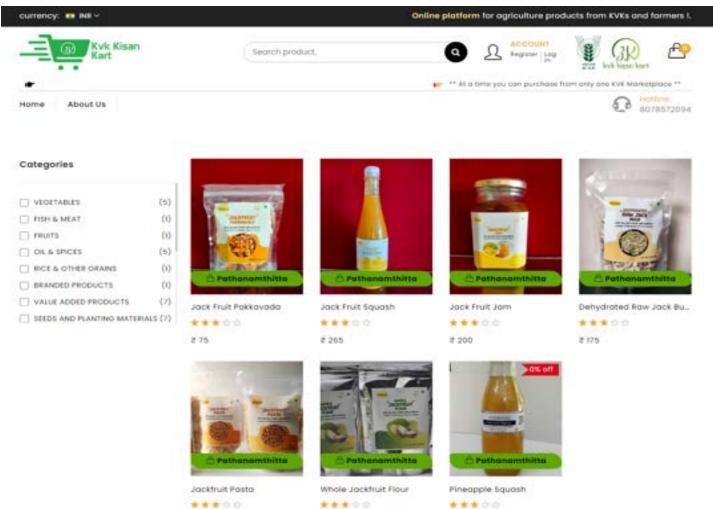
# Bringing Fresh Har ests to Your Door Step

*"Web based platform for marketing products of KVK and farmers"* 



#### Objectives

- To establish an e-platform for KVKs to sell their technological and other agro products online.
- To ensure easy access to technology products of KVKs to farmers and other stakeholders.
- To enable farmers and entrepreneurs to sell their products through KVK of respective district there by enable the farmers/entrepreneurs to get reasonable price and easy market for their products.
- To enable continuous availability of regional products across the country.
- To ensure quality products with continuous monitoring of KVKs.



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