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Amrit Mahotsav

KVK TIMES

Fortnightly e Publication of ATARI, Bengaluru
Edited & Compiled by KVK-Lakshadweep, ICAR-CMFRI

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KVK **TIMES**

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Volume : 01 | Issue : 30 | 2022

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Message

Dr. A. Gopalakrishnan

Director

ICAR-Central Marine Fisheries Research Institute
Kochi

It is my pleasure to pen a message for this KVK times compiled by KVK-Lakshadweep, ICAR-CMFRI for the benefit of different stakeholders. The KVKs in the country has significantly contributed in assessing new technologies generated through the mandatory activities especially the on farm trail and front line demonstration. The scaling up of potential technologies to the farmers and other stakeholders has been extensively carried out and KVK-Lakshadweep, ICAR-CMFRI is not an exception of that.

ICAR-CMFRI has supported the KVK in Lakshadweep islands prioritizing the needs of the islanders since its inception. Cage culture and seaweed culture are the priority areas that has been touched upon since few years. Apart from that the utilization of fish waste and converting to manure and poultry feed is another area of prime focus. In agriculture, the KVK has been focusing on technological interventions related to intercropping in coconut gardens, value addition and processing of coconut and others.

The exemplary works and different events organized by KVKs of Kerala, Karnataka and Lakshadweep has been well documented in this KVK times. I strongly believe that documentation of good practices and works done any organization is important and I wish all the KVKs and congratulate for the work done by the KVKs in different thematic areas under ATARI, Zone XI.

I appreciate the staff of KVK-Lakshadweep, ICAR-CMFRI in compiling all the events of KVKs under Zone XI in bringing out KVK times for the period 16-30 September, 2022.

I wish all the best for all your future endeavors.

Kochi
25 September, 2022

Sd/-
(A. Gopalakrishnan)



Message

Dr. V Venkatasubramanian

Director

ICAR-Agricultural Technology Application Research Institute
Bengaluru

I am happy to go through the KVK TIMES compiled by KVK-Lakshadweep, ICAR-CM-FRI for the period 16-30 September, 2022. The ICAR-ATARI, Zone IX, Bengaluru has 48 KVKs comprising of KVKs from Kerala, Karnataka and Lakshadweep islands. The KVK-Lakshadweep is situated in a remote location with greater opportunity to work on technological innovations for improving coconut based farming systems and marine fisheries. The KVK has been working on tangible areas for improvement in these areas, though constrained with logistics and other related issues.

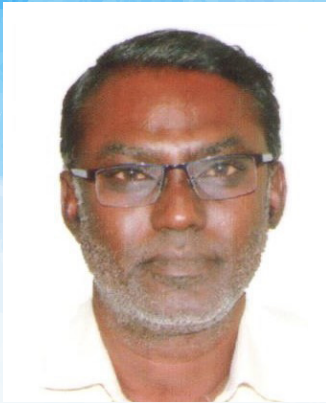
I could see the activities and works of different KVKs under this zone documented in the current issue of KVK times testifying the significant contributions of KVKs to the farming community in bringing food nutrition and livelihood security. As an institutional innovation of the 21st century, the KVKs are still proving its existence with relevance to support the National Agricultural Research System of the country through technology assessment, demonstration and building capacity of farmers and other stakeholders.

In this issue of KVK Times, invariably all KVKs have reflected the event of Poshan Abhiyan and Tree Plantation Campaign which is likely to have a long term impact. Some KVKs also presented their significant development interventions being carried out in their respective locale. I strongly believe that documentation of such significant works will lead for further improvement and also to replicate the best practices carried out by the other KVKs. Process documentation is another vital activity that KVKs should practice for depicting clear impacts of the works performed. I wish all the KVKs to continue their activities that are very much relevant to the farming community and realize a visible impact.

I appreciate the team at KVK-Lakshadweep for compiling this KVK times for the period 16-30 September, 2022 guided by ICAR-ATARI, Bengaluru and Director, ICAR-CMFRI for encouragement provided to team KVK, Lakshadweep. I also take this opportunity to convey my gratitude to Shri. Anbarasu I.A.S.Chief Secretary, UT Administration of Lakshadweep and his team for providing all infrastructural support to KVK-Lakshadweep in carrying out their mandated activities.

Bengaluru
25 September , 2022

Sd/-
V. Venkatasubramanian



Dr. P. N. Ananth

Senior Scientist and Head

Acknowledgement

I am pleased to acknowledge that KVK-Lakshadweep has been provided an opportunity to compile and edit the KVK times, an e-publication of ICAR-ATARI for the period 16-30 September, 2022. A major share of the content of this KVK times was on the National Campaign on Poshanmela and tree planting of KVKs under this zone. Apart from that various KVKs provided information of scientific interventions in farmer's field and observations. I thank all the KVKs for providing vital contents for making this e-publication complete.

I place my record of thanks to Dr. A. Gopalakrishnan, Director, ICAR-CMFRI for his guidance and encouragement on all ways to bring a difference with the work in Lakshadweep Islands.

My profound thanks are due to Dr. V. Venkatasubramanian, Director, ICAR-ATARI for providing an opportunity to KVK-Lakshadweep for working on this e-publication. I will fail in my duty if I am not thanking Dr. Mallikarjun B. Hanji, Chief Technical Officer, ICAR-ATARI and Nodal Officer of KVK-Lakshadweep in supporting us for all the endeavors.

I express my thanks to Dr. Abdul Gafoor, V.M, SMS of KVK-Lakshadweep in supporting me during the compilation of this publication. The volunteer effort of Mrs. Marjan P.S, Technical Assistant, Department of Agriculture, UT administration in Lakshadweep who joined us in this endeavor along with Mr. Nilamuddhin is appreciated.

Kavaratti, Lakshadweep Islands,
30 September, 2022

Sd/-
(P.N. Ananth)

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KVK-ALAPPUZHA



Scientific Deliberation towards Sustainable Management of Mosaic Disease in Bitter gourd

- A Brainstroming session cum capacity building programme on “Sustainable management of mosaic disease in bitter gourd” was organized by the KVK on 28-09-2022 against the background of commercial farmers in the district abandoning bitter gourd cultivation due severity of the problem. Even though the KVK has conducted a FLD on “Integrated crop management in bitter gourd” by following all the recommended practices to address this issue during 2020-21, it could not be completely successful. Hence this attempt was made with the support of the Director of Research, Kerala Agricultural University involving all the possible stakeholders in the sector. Experience sharing by selected commercial farmers, extension officers from Dept. of Agriculture and VFPCCK, and SMS (Plant protection) from four neighboring district KVKs (Kottayam, Pathanamthitta, Kollam and Trivandrum) was the highlight of the session based on which the resource persons from KAU and ICAR-CPCRI had a detailed analysis of the situation and suggested technology options for management of the problem. A package of technologies with timeline and schedule was prepared for repeating the demonstration with the involvement of selected partner farmers. All the participants expressed their happiness and gratitude for organizing such a rare event to address the technological challenge of greater concern for the vegetable farmers. Dr.M.H.Faizal, Professor and Head, Dept. of Entomology and Dr.N.S.Radhika, Associate Professor, Dept. of Plant Pathology, College of Agriculture, Vellayani, KAU; Dr. M.K.Dhanya, Asst.Prof (Pathology), RARS, Kumarakom, KAU; Dr. Joseph Rajkumar, Principal Scientist (Entomology) and Dr.Merlin Babu, Senior Scientist (Pathology), ICAR-CPCRI, RS, Kayamkulam served as resource persons for the session. Dr.P.Muralidharan, Head, Dr.T.Sivakumar, SMS (Entomology) and Smt. G.Lekha, SMS (Pathology), KVK-Alappuzha coordinated the one day programme.

Poshan Abhiyan and Tree Plantation

- The ‘Poshan Abhiyan cum tree planting campaign’ was organized by the KVK on 17-09-2022 at Krishi Bhavan, Muthukulam. Smt.Jyothiprabha, President, Muthukulam Grama Panchayath inaugurated the programme and handed over the vegetable seed packets and fruit plants to the women farmers. Sri.Lal Malavika, Vice President, Muthukulam Grama Panchayath explained the importance of establishing Nutrigardens in each homestead. Smt.Sumitha Dileep, Grama Panchayath ward member; Smt.Najida, Agricultural Officer; and Sri.Bibin Babu, IFFCO Alappuzha District Coordinator spoke on the occasion. Smt Jissy George, SMS (Home Science), KVK detailed about the importance of nutritional food and importance of nutri-garden and Dr.K.Sajnanath SMS (Soil Science), KVK explained how to establish the Nutrigardens in homesteads. About 60 farm women from Muthukulam panchayath attended the programme. During the event vegetable seed packets and fruit plant seedlings were distributed to the participants.



KVK-BAGALKOTE



Poshan Abhiyan and Tree Plantation

- Poshan Maah programme was organized at Budihal S K village of Ilkal taluka on 16.09.2022 at Anganwadi centre. ANM and AWW were present and seeds kits sponsored by IFFCO were distributed to women farmers on this occasion. Dr. Mouneshwari R Kammar, Head, KVK Bagalkote delivered lecture on the importance of celebrating Poshan Maah, importance of traditional toys and traditional recipes in overcoming the malnutrition. She also highlighted the role of Anganwadi workers in building the strong nutrition foundation in children, women and adolescents.
- In collaboration with Department of Women and Child Welfare a programme on programme was organized at Bilkerur village of Bagalkote taluk to mark the 5th year of Poshan Maah on 20.09.2022. The programme was consisted of exhibition of recipes, Annaprashan, distribution of seed kit for nutrigarden, seemant for pregnant ladies and guest lectures. Representatives from Gram Panchayat, District Magistrate, Deputy Director of Women and Child Development, Spiritual leaders, representatives from Health, Education, Panchayat participated in the programme. More than 200 people including adolescents participated in the programme. Dr. M. R. Kammar, Head, KVK delivered lecture on balanced diet, traditional toys, grandma recipes, nutrigarden and rain water harvest.



- The KVK participated in Krishi Mela organized by UAS, Dharwad from 17.09.2022 to 20.09.2022. In the exhibition the KVK displayed its activities along with the activities of innovative farmers and the documented farmers who have doubled their incomes. Each day one farmer was deputed to share experience at farmers to farmers forum. More than a lakh farmers visited the exhibition of displayed by KVK.



Training for Krishi Sakhi

- SANJEEVINI- Karnataka State Rural Livelihood Promotion Society, Department of Skill Development, Entrepreneurship and Livelihood, Government of Karnataka in Collaboration with University of Agricultural Sciences, Dharwad and KVK organizing six days training programme Krishi Sakhi from 26.09.2022 to 01.10.2022 at KVK campus. Shri C. R. Mundaragi, Project Director, Zilla Panchayat, Bagalkote inaugurated the programme and explained





about the needs for Krishi Sakhis in conserving soil, water, crops and establishing market linkages. He also focussed on the present scenario of livelihood activities. Dr. Mouneshwari R. Kammar, Head, KVK delivered inaugural address and opined that, Krishi Sakhi training are important in enhancing livelihood, self confidence and overall development of farmers. Shri M. R. Nagur, ADA-SMA Department of Agriculture highlighted the importance of empowered women for enhancing farmer income. Dr. P. S. Hugar, Director of Extension, UAS, Dharwad in his presidential remarks explained that, Sakhis will be a point of contact for all the developmental departmental Gram Panchayat Sevak services will be replaced with Sakhi trainees. He urged the gathering to create Whatsapp groups of Sakhi for technical support from KVKs. KVKs are knowledge partners for all the FPOs and Sakhis will be a link to these FPOs. Sakhis will also be contact persons for KVK activities. He stressed upon the need to adopt organic and natural farming. He urged the need for practical sessions more than theory sessions during the training programme. He assured the technical inputs from KVKs and Universities always for future developmental programmes. During this event all the staff of KVK and Zilla Panchayat, Bagalkote were present.



KVK-BALLARI



Poshan Abhiyan and Tree Plantation

The KVK organised Poshan Maah KVK, Ballari to strengthen the efforts to end malnutrition in collaboration with Department of Women and Child Development and Central Bureau of Communication, Ballari on 27-09-2022. During the Poshan Maah, series of intensive activities were taken up by KVK in schools, anganwadis and for the benefit of extension functionaries towards creating awareness about nutrition with special focus on pregnant and lactating women, children below six years and adolescent girls to realise the vision of 'Swasth Bharat'.

A recipe competition on millets was also held to explore the nutrition knowledge among the extension functionaries of the Women and Child Development department. Dr. Ramesh B K, Head, KVK informed the importance of egg, milk, meat and fish to the participants. Dr. Shilpa H., Scientist, (Home Science) spoke about the impact of nutrition during different stages of human life cycle. Dr. Govindappa M R., Scientist (Plant Pathol-



ogy) gave a lecture on Nutri-gardens and their maintenance. Mrs. Usha, CDPO (Rural), Ballari, Dr. Hallikeri from Central Bureau of Communication, Supervisors and Anganwadi workers of WCD department were present during the programme.



KVK-BELAGAVI-I



Canefest-2022

The KVK was nominated by ICAR-ATARI, Bengaluru to represent the KVKs of Karnataka and Kerala for the Cane Fest-2022 held on 23rd and 24th September-2022 at TNAU organized by the ICAR-Sugarcane Breeding Institute, Coimbatore. In this event different institutes working on sugarcane, private companies and others were invited for participation towards displaying their activities and innovative farming techniques for the farmers. KVKs under ATARI-Zone-XI actively participated in the event. ICAR-KVK-Belagavi-I lead and represented for the event. The other KVKs participated were ICAR - KLE, KVK-Belagavi-2, Kalburgi, Vijayapur, Bidar, Ballary, Chamarajnar, Haveri, Mysore, Bagalkot, Mandya and Palakkad. All the KVKs displayed their activities and technologies disseminated to farmers of their concerned district including value addition and processing techniques. The exhibition stall was inaugurated by Dr. V. Geethalakshmi, Vice Chancellor, TNAU in the presence of Dr. G. Hemaprabha, Director of ICAR-SBI, Coimbatore, Director of Research and Director of Extension, TNAU and other delegates. Guests and farmers visited the stall and displayed posters and bio products. The organizing committee adjudged the exhibition stall of ATARI-Bengaluru as the "First Best stall exhibitor award". Along with



that a progressive farmer Mr. Mahalingappa B. Itnal from Karnataka was awarded the Best Innovative farmer.

Poshan Abhiyan and Tree Plantation

- The KVK in association with IIFCO, Belagavi organised "Poshan Abhiyan and Tree Plantation" on 17-09-2022. The programme was presided by Shri. R. M. Patil, Chairman of the KVK and the guest of honour was Shri. Iranna Kadadi, Hon'ble Member of Parliament (Rajya Sabha). Mr. R. Vijay, Field officer IFFCO, Belagavi, Shri. Suresh Patil, National Awardee KVK farmer, Nippani and Smt. Mahadevi Patil, Women entrepreneur, Akkatangerahal were the guests. The event was inaugurated by Guest of Honour Shri. Iranna Kadadi, Hon'ble Member of Parliament. The Guest of Honour highlighted the incorporation of the traditional



food habits. Shri. Suresh Patil, Pandit Deen Dayal Awardee farmer was felicitated during the occasion. Shri. R. M. Patil highlighted about the organic practices in farming and its impact. Vegetable seed kits and fruit plants were distributed to the farmers during the occasion. Dr. D. A. Mhetre, Head, KVK welcomed the guests, introductory speech was given by R. B. Karabhari, (Scientist-Home Science), Shri. M. N. Malawadi, (Scientist-Agronomy) explained about the importance of cereals and millets and also placed the vote of thanks. The event was attended by 138 farmers, farm women and progressive farmers.

KVK-BELAGAVI-II



Poshan Abhiyan

The KVK organized "Poshan Abhiyan and Tree Plantation" programme in association with IFFCO, Belagavi on 17.09.2022 at KVK campus. The programme was inaugurated by Shri Somappa Y. Upparatti, President, Gram Panchayat, Sutagatti. Speaking on the occasion, he expressed his happiness over the KVK efforts in organizing the awareness programme on Poshan Abhiyan to enlighten the farmwomen on balanced nutrition. Tree Plantation drive is an effort to minimize environmental pollution. Shri Naveen Patil, Field Officer, IFFCO Ltd., Belagavi expressed that, the Poshan Abhiyan programme and Tree Plantation programme is being celebrated on 17 September every year across the country to create awareness on adoption of healthy food habits to the farmers and farmwomen for efficient work output. Mrs. Sridevi B. Angadi, Senior Scientist and Head, ICAR-KLE KVK, Mattikopp addressed the gathering on balance diet for different age groups and explained about the importance of consumption of green leafy vegetables as the majority of the women population are anemic in the rural areas to overcome this problem advised to consume daily green leafy vegetables and instructed to cultivate these vegetables in the backyard to ensure surplus supply everyday. The programme was witnessed by 112 farmers and farmwomen. The participants were provided with 112 Nutri-garden kits and 112 Jamun saplings.



DAESI Inauguration

Agri-Input Dealers are a prime source of farm information to the farming community, besides the supply of inputs and credit. However, majority of these dealers do not have formal agricultural education. In order to build their technical competency in agriculture and to facilitate them to serve the farmers better and to act as para-extension professionals. The programme is implemented by MANAGE through State Agricultural Management and Extension Training Institutes (SAME-TI, North), UAS, Dharwad. The programme was inaugurated by Dr. P.S. Hugar, Director of Extension, UAS, Dharwad on 29.09.2022. Inaugurating the programme he expressed that, input dealers are the primary source of contact to the farmers to get immediate remedies to their field problems. By undergoing this course the knowledge of the input dealers will be enhanced in scientific mode. Dr. M. Gopal, Professor & State Nodal Officer (DAESI), SAMETI (North), UAS, Dharwad detailed about the guidelines to be followed by the DAESI trainees.



Shri. B.R. Patil, Chairman, ICAR-KLE KVK, Mattikopp presided over the programme and expressed that, to have contact with KVK Scientists to get instant remedies for the problems of the farmers in scientific manner to extend the support for increasing the productivity of the crops by suggesting suitable suggestions. Mrs. Sridevi B. Angadi, Senior Scientist and Head, KVK during her introductory remarks expressed the importance of DAESI programme, rules and regulations and course curriculum. S.M. Warad, Scientist (Soil Science) welcomed the gathering and vote of thanks was extended by Dr.S.S. Hiremath, Scientist (Plant Protection).



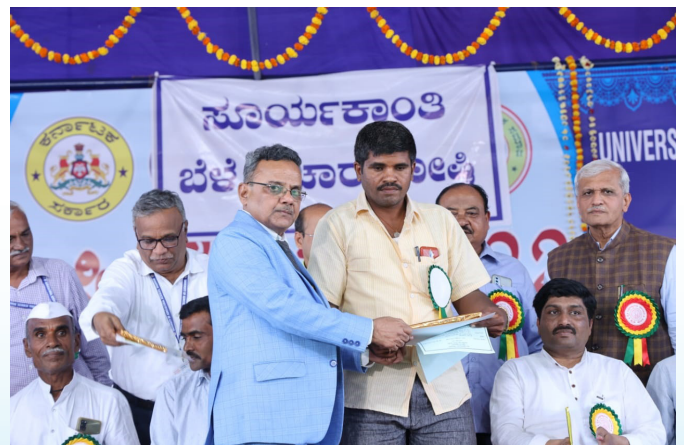
Training on Quality Seed Production and Vermicomposting for Rural Youths

KVK organized training for rural youths on 'Quality seed production of field crops and vermicomposting' on 23.09.2022. G.B. Vishwanath, Scientist (Agronomy) explained about steps to be followed in seed production as seed is a primary source for increasing the productivity. Rural youths were trained on isolation distance, different classes of seeds, seed rate, spacing, integrated weed and water management, knowledge on harvesting, storing, seed processing and certification procedures. Dr.S.S. Hiremath, Scientist (Plant Protection) explained about procedure for production of vermicompost and vermishash for best utilization of their farm waste for converting it into organic manure. Praveen Yadahalli, Scientist (Horticulture) interacted on nursery raising of vegetable seedling and different plant propagation methods in horticulture crops. S.M. Warad, Scientist (Soil Science) educated on soil sampling method and nutrient management for field crops.



Participation in Krishi Mela

ICAR-KLE Krishi Vigyan Kendra, Mattikkopp participated in Krishi Mela organized by UAS, Dharwad and presented the technologies relevant to the district. A stall was also provided to DFI and Innovative farmers to showcase their achievements. The identified farmers were felicitated during the Krishi Mela. KVK also took active participation in Beeja Mela to supply recently released varieties of cereals, pulses and oil seeds. Farmers after updating the knowledge on salient features and yield potentiality of the varieties, purchased the seeds from the sales counter.



**KVK-BENGALURU
RURAL**



Celebrate the World of Flavours

- KVK in association with ICDS, Department of Food Science and Nutrition, GVKK and IFFCO organized various programmes to celebrate National Nutrition Month with the theme of “Celebrate a World of Flavours” for Anganawadi teachers, ASHA workers and farm women to motivate them to have a healthy lifestyle while enjoying the flavours of food.
- The National Nutrition Month programme was organized by the KVK in collaboration with ICDS department, Doddaballapur in Kantanakunte village. Ms. Anithalakshmi, CDPO, Bengaluru Rural District inaugurated the programme. In her inaugural speech she urged the need of nutritious food for children and women to overcome malnutrition. She also explained the important schemes of ICDS for the Anganawadi beneficiaries. Mr. Arun Kumar, ACDPO and Lokesh, Poshan Abhiyan coordinators were present in the programme.
- On campus National Nutrition Month programme was organized by KVK in association with Food Science and Nutrition Department, GVKK and ICDS, Doddaballapur on 14.09.2022. Cooking without fire competition was organized on the occasion of nutrition month celebration.



The programme was inaugurated by Dr. Vijayalkshmi, D., Professor, Dept. of Food Science and Nutrition, GVKK, Bengaluru. In her introductory remarks she briefed about the vitamins and minerals present in the fruits and vegetables and their importance in daily diet. Dr. Suchitra from Primary Health Clinic, Ghati Subramanya explained about causes of iron deficiency anemia in adolescent girls and women and methods to overcome anemia by following nutritious diet in daily life.

Poshan Abhiyan and Tree Plantation

- As a part of “National Campaign on Poshan Abhiyan and Tree Plantation the KVK organized orientation programme in collaboration with IFFCo., Bengaluru on 17.09.2022. The programme created awareness on nutri-garden and bio-fortified varieties and also on important health benefits of Nutri-cereals. The programme was inaugurated by Mr. K.R. Abhishek, Officer, Agriculture Service Division, IFFCo., Bengaluru. In his inaugural Speech he addressed about the importance of vitamins and minerals present in food and also explained the importance of nutri-garden in combating the malnutrition among rural women and children. Dr. Dharshini, Scientist (Plant Protection), KVK, BRD mentioned about the importance of nutrients (calcium and iron) and their sources, which is available locally. Ms. Meghana, S.V., Scientist (Home Science) explained about the causes of malnutrition and importance of balanced diet in daily life through nutri-garden to overcome malnutrition. On this occasion jackfruit and coconut saplings were planted in KVK campus by the chief guests. As a part of the programme Seed kit and Jack fruit saplings were distributed to the farmers.

KVK-BIDAR



Capacity Building for Krishi Sakhi

A six days capacity building programme on “Agro ecological practices” for Krishi Sakhi was organised at KVK Bidar from 12-17 September, 2022 in collaboration with Zilla panchayat Bidar under Sanjivini – Karnataka State Rural livelihood society. The event was inaugurated Smt Shilpa M, IAS, Chief Executive Officer, Bidar and further she sensitized about role and responsibilities of the Krishi Sakhis in transmitting the simple and effective technologies to the farmers and farm women by convincing them to practice in their respective fields. The senior scientist and Head, Dr Sunil kumar N M in his presidential remarks urged the participants to learn about the practical utility and implementation of the technologies. Sri Jaganath Murthy, Project Director for Sanjivini – Karnataka State Rural livelihood society, Zilla Panchayat Bidar, Dr Sunil Kulkarni, Pro-



fessor and Head, ARS Bidar and Sri Suryakanth Biradar, Deputy Director of Agriculture, Bidar were present in the occasion. The participants of the event were rural women identified each at panchayat level from Humnabad and Chittguppa Talukas. In this event all the eco friendly practices like building up of soil fertility, selection of good seeds and seed treatment, soil and water conservation practices, nutrition and their sources, establishment of nutri gardens and orchards, livestock man-



agement, dairy, eco friendly plant protection measures along with soft skills to facilitate and acting as bridge between the farmers and officials. About 24 classrooms and field teaching along with visit to the different farmer’s field to know how about the technologies were held.





proper nutritious food, daily exercise, walking, sound sleep, meditation and yoga is also important for developing the healthy society. Sri Jagananth Moothy, Project Director of Zilla Panchayat Bidar, expressed malnutrition can be overcome only by supplementing nutritious diet. Dr. Sunil Kulkarni, Professor and Head, ARS, Bidar urged that for better future and healthy children, women should be given priority for getting nutritious food. In his introductory remarks Dr. Ningadalli Mallikarjun, Scientist (Horticulture) indicated that there is much need to educate about the malnutrition so such events can address many issues related malnutrition among women. Dr. Sunil Kumar N M, Senior scientists and Head presided over the program and informed the importance of nutritious food in the diet. It is was also indicated that since few years people have started thinking about healthy life. Miss. Rajeshwari R (Home Scientist) called for women to consume balanced diet like use of cereals, pulses (soya) and locally available fruits and vegetables to meet the nutrient requirement on daily basis.

Poshan Abhiyan and Tree Plantation

The KVK in collaboration with IFFCO, Bidar jointly organised Poshan Abhiyan and Tree Plantation programme for farmers and farm women on 17-09-2022. On this occasion Smt Paravati V Sonare, a well-known writer inaugurated the event. In her inaugural address she expressed a woman from healthy family will be key person in building the nation by giving the good nourishment to her kids. She also expressed that a well-trained and knowledgeable woman with good health with

During the event, plantation of saplings were done by the delegates and the participants. About 108 practicing farmers and farmwomen were provided with vegetable seed kits and seedlings. In the beginning of the program, Mr. Siddramappa Manige, Technical Officers (Computer) welcomed the guests and the participants and Mr. Akshayakumar, Animal Scientist gave vote of thanks. In the program representatives from Directorate of Research Dr. Rajkumar Haladoddi, Mr. Mahadev and Ku. Aarti Swami from Zilla Panchayat were present.



KVK-BIJAPUR

Poshan Abhiyan and Tree Plantation

The KVK organized the Poshan Abhiyan with the aim to impart awareness and knowledge on nutritional aspects to different stakeholders. The programme was held at KVK with IFFCO Vijayapura. The programme was inaugurated by Shri.Rajashekhar Dambal, Project Director, Urban development, Vijayapura. He explained the benefits of the programme and distributed the nutritional vegetables seed kit to the trainees. Shri.Sangamesh Biradar, Dr.Kashibai Khyadagi were present in the programme. The programme was welcomed by Dr. Shubha.S. Head KVK. All KVK staffs were involved in the programme. The programme ended with planting of trees at KVK premises.



KVK-CHIKKABALLAPURA



Training on Value addition and processing in Tomato

- An on campus training on tomato processing and value addition was organised at KVK from 15.09.2022 to 16.09.2022. Dr. Akshata Ramannanavar Scientist (Home Science) demonstrated the procedure of preparation of tomato ketchup and tomato crush. Dr. Praveenakumar, Scientist (Horticulture) highlighted about processing in tomato. Dr. Tanweer Ahmed Scientist (Agricultural Extension) explained about One District One Product (ODOP) programme and highlighted the importance of value addition for doubling farmers' income. An extension literature on Tomato value addition was released during the programme.



Poshan Abhiyan and Tree Plantation

- The Poshan Abhiyaan Programme was organised by the KVK on 17.09.2022. Dr. Papireddy, Head, KVK along with other dignitaries inaugurated the programme. Mr. Radhakrishna, Progressive farmer and Ex taluk panchayath member and Govindappa, Gram Panchayath member, Kurutahalli participated as guest during the programme. Dr. Akshata Rammannanavar, Scientist (Home Science) explained about importance of nutri garden and bio-fertilized seeds. Mr. Mahesh Babu, State Sales Officer, IFFCO participated in the programme. Seed kit and seedlings were distributed to the participants and tree plantation was carried out in the KVK campus. About 110 farm women participated in the programme.



KVK-CHIKKAMAGALURU



Poshan Abhiyan and Tree Plantation

The KVK in collaboration with IFFCO, Chikkamagaluru has celebrated "Poshan Abhiyan and Tree Plantation" programme at KVK campus, Chikkamagaluru on 17.09.2022. Dr. Krishnamurthy, A.T., Senior Scientist and Head, KVK, Mudigere in his introductory speech briefed that Poshana Abhiyana is India's flagship scheme to improve the nutritional outcomes of adolescents, children's, pregnant women and lactating mothers and also to create synergies in operations and adopting an integrated approach in the nutrition services mechanism. The programme was inaugurated by Mr. Balakrishna Gowda, President, Taluk Growers Association, Mudigere and he spoke on the importance of Nutri-garden in farm families for overcoming malnutrition issues. Dr. Naraya S. Mavarkar, Dean, College of Horticulture, Mudigere in his presidential remarks briefed that, in recent years' people have been experiencing many health problems due to reduction in immunity and one

should realize the importance of consuming nutritious food and adopting it in day to day diet. The programme had technical sessions was and Dr. Sudharani, N, Assistant professor, College of Horticulture, Mudigere delivered the lecture on women health, hygiene and Children's nutritional disorders and how to maintain nutritional balance diet to overcome malnutrition in pregnant women and children. Dr. Sathish, N, Scientist (Home Science), KVK, Chikkamagaluru delivered the lecture on importance of Nutri-garden in daily life. The guests of the programme were Dr. Shivaprasad M., Associate Director of Extension, Dr. Ganapathi, M, Senior Farm Superintendent from ZAHRS, Mudigere, Mr. Ataulah, Agriculture Field Officer, IFFCO, Chikkamagaluru, Ms. Rachana, Agriculture Supervisor, SKDRDP, Chikkamagaluru, Scientist and staffs of KVK. Vegetable seed kit and fruit saplings were distributed to the farm women by the guests and tree planting was done at KVK farm. The meeting was attended by 124 farm women and other stakeholders.

KVK-CHITRADURGA



Training cum demonstration of Nutri gardens

A training programme on Demonstration of Nutri garden was organized on 29-09-2022 at KVK. Dr. Sharanappa Jangandi, Associate Director of Research, ZAHRS inaugurated the programme and briefed about importance of nutri-garden and importance of growing vegetables, green leafy vegetables, fruits, millet and conventional foods. Dr. O. Kumara, Head, KVK presided over the inaugural session and discussed in detail about importance of nutritious food. It was informed that adoption of nutri garden can support for supplementing nutritious diet. Dr. Prakash Kerure, Scientist (Horticulture) briefed about the importance of nutri garden. Vegetable seed kits were distributed to all the participants at the end of the programme. Dr. Praveen Chowdhary, Assistant Director of Agriculture, DATC, Babbur farm and the 80 farm women from different villages of Challakere taluk attended the programme.



Poshan Abhiyan and Tree Plantation

The Poshan Abhiyan and Tree plantation was organized on 17-09-2022 at KVK. Dr. Sharanappa Jangandi, Associate Director of Research, ZAHRS inaugurated the programme and briefed about importance of Flax seeds and its nutritive value. Dr. O.Kumara, Head, KVK presided over the inaugural session and discussed in detail about importance of balanced diet. Dr. Prakash Kerure, Scientist (Horticulture) briefed about the importance of nutri garden and discussed about various nutritious foods. Vegetable seed kits were distributed to all the participants at the end of the programme. Mr. Chidambara Murthy, Field officer, IFFCO was invited as the guest. Mr. Manjunath, CDPO and Mrs. Sharadamma, Senior supervisor from ICDS programme were present during the programme along with the 110 participants. At the end seedlings were planted at KVK premises by all the dignitaries.

Training for Community Resource Persons

A six days training programme for community resource persons of NRLM project on environment friendly agricultural practices was organized at KVK from 19-09-2022 to 24-09-2022 in collaboration with KSLPS- Sanjeevini, Zilla



Panchayath, Chitradurga. Mr. Mahanteshappa, Project Director, Zilla Panchayat, inaugurated the programme and discussed about the selection procedure of Krishi Sakhi's for the training. Duration of this training is 54 days and during this period the Krishi Sakhi's will be trained on agriculture and allied aspects to train them for being resource persons. Dr. Sharanappa Jangandi, Associate Director of Research, ZAHRS participated as Chief guest during the programme and discussed the importance of women in agriculture sector. He said that the prime responsibility of Krishi Sakhi's is to create awareness among farming community on various agriculture related technologies and to improve the economic status. Dr. O.Kumara, Head, KVK presided over the inaugural session and discussed in detail about aims of NRLM project to appoint Krishi Sakhi, Pashu Sakhi, Udyoga sakhi. Mr. Yogeshappa, District Project Manager briefed about the roles and responsibilities of Krishi Sakhi's at Gram panchayath level. He also briefed about the Sanjeevini project. Dr. Prakash Kerure, Scientist (Horticulture) welcomed all the guests and participants and also

delivered the introductory speech. Mrs. Geetha Kumari, Programme Assistant, KVK hosted the programme and Dr. Rudramuni extended the vote of thanks. Around 30 Krishi Sakhi's were present during the programme.



Best Extension Scientist Award

Dr. Prakash Kerure, Scientist (Horticulture), KVK was awarded the "Best Extension Scientist" by the Keladi Shivappa Nayaka Agricultural and Horticultural Sciences, Iruvakk, Shivamogga on the occasion of 10th Foundation day on 26-09-2022 for the year 2021-22. His 11 years' experience in field of agriculture extension contributed significant development of horticulture activities among Chitradurga farmers. He introduced Bhima Super, Bhima Shakti, Bhima Dark Red and Arka Kalyan new varieties in onion. Strengthening of farmers participatory seed production activities in onion made large impact in onion growers for self-sustaining quality seeds in the district. The impact of onion seed production activity has been widely recognized.

KVK-DAKSHINA KANNADA



Poshan Abhiyan and Tree Plantation

The KVK in association with IFFCO organized the Poshan Abhiyan and Tree Plantation on 17-09-2022 at the KVK campus. Mrs. Shankari, Supervisor, Child Development and Women Welfare Department inaugurated the event and in her inaugural speech highlighted about Poshan Maah celebration. Dr. Ramesha T.J., Head, KVK created awareness on Nutri Sensitive Agriculture among farming community and highlighted about the Development of Entrepreneurship among youth by pro-



ducing nutritional products by promoting nutri sensitive innovative practices and Value chain development and also delivered a lecture on importance of fish consumption on human health. Mrs. Harini, President of Taluk based Sri Shakti group was the chief guest. Dr. Rashmi R., SMS of the KVK coordinated the programme and delivered a lecture on importance of fruits and vegetable consumption and nutri garden establishment at the household level. Information on bio-fortified crop varieties, nutri-cereals and their role on human health for Nutritional Security among farm women and farmers were also informed. Vegetable seeds and fruit planting materials were provided to farmers and others. Ms. Vijitha, DAESI programme facilitator welcomed the gathering and planting was performed. During the programme Mr. Hariprasad, input dealer and DAESI beneficiary, Mr. SatishaNaik K, Programme Assistant (Computer), 142 farmers, farm women, input dealers and Anganawadi workers of Dakshina Kannada District and staff of KVK were present during the campaign.





Department of Agriculture, Mangaluru and Shri Rama Vidya Kendra Trust, Kalladka jointly organized a mega event under 'Savayava Siri' project to create awareness among farming community for enrichment of soil organic carbon content in farmer fields through adoption of organic farming systems for sustainable crop production. In this event Dr. Naveen Kumar B. T. Scientist (Agronomy) KVK, Dakshina Kannada, delivered lecture on importance of organic agriculture, production of organic manures, vermicomposting, preparation of organic liquid manures, green manure crops etc. Dr. Shivakumar R. Scientist (Animal Science) explained about role of livestock in

organic agriculture, disease management in livestock, hygiene in milking etc.

Dr. Mallikarjuna L. Scientist (Soil Science) delivered lecture on management of soil health, conservation of soil and water, rain water harvesting, renewable energy sources and biogas plants benefits and its adoption. Dr. Kedarnath, Scientist (Plant Protection) briefed about pest and disease management in organic agriculture, usage and benefits of bio-pesticides, role of parasites and parasitoids in organic agriculture. About 450 farmers, farm women, youths and other department officials were participated in this programme.



KVK-DAVANAGERE



FLD on Nutrient Management in Banana

- The KVK implemented frontline demonstration on micro-nutrient management in banana at Basavanalu village of Davanagere taluk. Mr. H. M. Sannagoudra SMS (Soil Science) provided information on usage of banana special, micronutrient mixture, developed by IIHR, Bengaluru for higher productivity in Banana. Mr. Basavanagowda M. G. SMS (Horticulture) explained the disease management strategies to be adopted by farmers during rainy season. Ten selected farmers and Directors and CEO of Bethur Taralabalu Amruth FPO were involved in programme. Provided critical inputs to farmers.

OFT on Kadaknath-Poultry breed

- The assessment of 'Comparative study on Growth performance of Kadakkanath with other local birds in Backyard

was conducted by Dr. Jayadevappa G.K., SMS (Animal science) at Chikkaboodhihal village in Davanagere taluk with four farmers and obtained encouraging results. It was found that the birds adapt well to the local situation and no disease incidence and mortality observed. These birds are found more resistant to diseases compared to local birds with good body weight gain under backyard condition. (Males-2.2 to 2.4 kgs and Females 1.7 to 1.9 kgs in six months). These birds also laid eggs (160-180/year) better than the local varieties.

Demonstration of Arka Microbial Consortium

- Application of Arka Microbial Consortium was demonstrated at Kodaganuru village of Davanagere taluk as part of frontline demonstration on integrated crop management in tomato. Mr. H. M. Sannagoudra SMS (Soil Science) explained the importance of bio-fertilizers in vegetables production. Dr. Avinash T. G. SMS (Plant Protection) provided information on integrated disease management strategies in tomato. Fertilizer application equipment was also demonstrated by Mallikarjun B. O. SMS (Agronomy). About 10 selected farmers and Directors and CEO of Kodaganuru FPO were involved in programme.





Field day on Biological Methods for Pest and Disease Control

- The KVK organised a field day in collaboration with Kodaganuru Taralabalu AFPO at Kodaganuru. Dr. Devaraja T. N. Senior Scientist and Head, highlighted significance of biological methods in pest and disease management, in terms of its eco-friendly nature and cost effectiveness. Mr. Mallikarjuna B. O. SMS (Agronomy) explained about Integrated Nutrient Management practices in cabbage with special reference to Arka Vegetable Special for obtaining better yield. Dr. Avinash T. G. SMS (Plant Protection) suggested farmers not to take up calendar based chemical spray. The need to practice integrated pest management practices was emphasised during the field day. Mr. Sri-dhar Murthy ADA, Davanagere participated and provided information on department schemes, President and Directors of FPO and 30 farmers participated in the field day celebration.

Poshan Abhiyan and Tree Plantation

- The KVK in collaboration with IFFCO, Davanagere and Government High School, Naganur, Davanagere tq. organized Poshan Abhiyan and Tree Planting at Government High School, Naganur. Dr. Devaraja T. N. Senior Scientist and Head in his inaugural speech mentioned the objectives of Poshan Abhiyan and also imparted knowledge on food adulteration and its impact. Mr. Raghuraj J., Scientist (Agricultural Extension) informed the gathering on importance of nutri-gardens in building the nutritional security. Mr. Mallikarjuna B.O., SMS (Agronomy) enlightened about the health benefits of consuming nutri-cereals in our diets. Dr. Supriya Patil, Home Scientist, delivered a lecture on Malnutrition and Balanced diet. Mr. Manjunath from IFFCO mentioned that fruits and vegetables plays an important role in building an immunity power in humans. During the event 100 tree plantation of forest species was taken up in KVK instructional farm. About 115 farmers were present in the programme.



KVK-DHARWAD



Exhibition at Krishi Mela 2022

The University of Agricultural Sciences, Dharwad organized a mega event - Krishi Mela 2022 from 17-20 September, 2022 at UAS, Dharwad. The KVK participated in the exhibition and exhibited live models, specimens, information charts, value added products and demonstrations for the benefit of farmers/ farm women visiting the KVK stall. Another stall comprised of information on selected innovative farmers and DFI farmers were displayed. Farmers were motivated by witnessing the success of these farmers from Dharwad district. Dr. R. Basavarajappa, Vice Chancellor, UAS, Dharwad, Officer on Special Duty and Technical Advisor to Agriculture Minister, Govt. of Karnataka, Bengaluru, Dr. M. J. Chandregowda, Principle Scientist, ICAR-ATARI, Bengaluru, Dr. S. A. Patil, Former Vice Chancellor, UAS, Dharwad, Shri Shrinivas Kotyan, Board of Management, UAS, Dharwad and many other dignitaries visited the stall and interacted with the scientists. More than 16 lakh farmers and public visited the Krishi Mela.



Poshan Abhiyan and Tree Plantation

Poshan Maah Abhiyan was organized by ICAR-KVK, Dharwad at Krishi Mela 2022 site, UAS, Dharwad in association with IFFCO, Dharwad on 17.09.2022. IFFCO provided nutri garden kits for promoting kitchen gardens at each and every household to have nutritional security by consuming the vegetables grown by the family members. Dr. Narayanaswamy V., SMM, Karnataka, Shri Ganesh, IFFCO, Hubballi and Dr. Shripad H. Kulkarni, Nodal Officer (KVKs), UAS, Dharwad participated in poshan maah programme and distributed kitchen garden kits and planting materials to farmer's/ farm women. Dr. Geeta S. Tamgale, Scientist (Home Science) briefed about the importance of Poshan Maah Abhiyan. Around 30 farmers including staff of KVK were present during the programme.

“Swachhta Hi Sewa” Abhiyan

Zilla Panchayat, Dharwad and the KVK jointly organized “Swa-





chhta Hi Sewa" programme at Mangalagatti village of Dharwad taluka on 23.09.2022. Dr. Suresh Itnal, Chief Executive Officer, Zilla Panchayat, Dharwad inaugurated the programme by cleaning bunds of Mangalagatti tank by planting trees on the bunds of water storage pond to promote agro-forestry among the villagers. While addressing the villagers he expressed that the participatory approach is very significant to take up any activities in the village. He further appreciated the work carried out by Mangalagatti villagers in maintaining the cleanliness in the village. Later the demonstration on compost making by using decomposing micro organisms was carried out by Dr. Shripad Kulkarni, Nodal Officer (KVKs), UAS, Dharwad, Dr. S. A. Biradar, Head, KVK and Dr. Praveen T. Goraji, Senior Technical Officer. More than 100 farmers/ farm women participated in the programme. Shri C. M. Darennavar, Panchayat Development Officer, Smt. Basavanneva Karisiri, President, Gram Panchayat, Shri Prakashgouda, Vice President, Zilla Panchayat, Shri Nijagunagouda Patil, Ex-Vice President, Zilla Panchayat, Shri Basavaraj Vakkunda, Progressive farmer of Kurubagatti village, Smt. Vidyashri, Technical Officer, Zilla Panchayat and many village representatives attended the programme.

Field Day and method demonstration



Soybean var. DSb-34 is a rust resistant variety with high yield developed by UAS, Dharwad. The variety is rust resistance, gives higher yield (10-15%) than the popular variety JS 335 and matures within 85-90 days. It is suitable for intercropping systems and requires no fungicidal spray, it reduces the cost of cultivation in addition to higher net returns through higher yield. FLD was implemented by KVK at Ugginkeri village of Kalaghatagi taluk. Field Day on demonstration was organized in the field of Shri Hanumantagouda B. Patil on 30.09.2022. Dr. S. A. Biradar briefed about the agronomical practices for



better yield in soybean. Dr. Prasanna Kumar B. H., Scientist (Agronomy) explained the varietal characteristics of DSb-34. The farmer shared his experiences, KVK Scientists and more than 25 farmers were present during the field day.

Field day on Bio-intensive Management of Fall Army Worm

The KVK organized a field Day on Bio-intensive management of Fall Army Worm (*Spodoptera frugiperda*) in Maize in the field of Shri Basavaraj Nesaragi from Ugginkeri village of Kalaghatagi taluk on 30.09.2022. Dr. S. A. Biradar briefed about the agronomical practices for better yield in maize. Smt. Kalavathi K. Kambali, Scientist (Plant Protection) detailed the measures of controlling fall army worm in maize. The technologies related to bio-intensive management with eco-friendly practices were also highlighted. The farmer shared his experiences about the technologies followed under the guidance of KVK. The field day was attended by KVK Scientists and more than 22 farmers were present during the field day and observed results of the technology.



Technology Assessment on Storage of grains

Grain storage especially seeds and pulses is a major challenge for the farmers. Farmers usually opt for chemical methods to store their grains. Hence, the KVK planned a OFT on Assessment of storage bags for safe storage of grains. Dr. Geeta S. Tamgale, Scientist (Home Science) demonstrated the use of save grain bags and double layered bags for safe storage of seeds and food grains against storage pests and diseases. Farmers interacted with the Scientist regarding usage, care and maintenance of these bags in the forthcoming season.

KVK-ERNAKULAM



Poshan Abhiyan and Tree Plantation

- The KVK conducted Poshan Abhiyan and Tree Plantation programme in association with Ernakulam unit of Indian Farmers Fertilizer Cooperative (IFFCO) on 17-9-2022 at STM UP School, Kanjoor, Ernakulam. Shri. T. N. Shanmughan, Member, Kanjoor Grama panchayath inaugurated the programme. Fruit saplings and vegetable seeds were distributed to participants. Shri. F. PushparajAnjelo, Subject Matter Specialist of the KVK handled a session on Nutri-Cereals - nutritional and health benefits. Shri. P. K. Abhin, Field officer IFFCO, Ernakulam handled a session on Nano Urea – Application in Modern Agriculture. Progressive farmers and members of Kisan Service Society, Kanjoor attended.

PPP towards production and supply of quality Pearlsport fish seeds

- The KVK in Public-Private Partnership (PPP) mode produces and supplies quality farming inputs in Ernakulam district through its Satellite production centers located at progressive farmer's fields. As part of this program, many

SPCs producing quality fish seeds are functional in coastal areas of the district. Recently, a new farmer consortium KVK Karimeen vithulpadaka Sangam, registration number EKM TC/252/2022 producing Pearlsport (Karimeen) fish seeds, started functioning at Karumallor. This self-help group is producing pearlsport seeds in an area of 3 hectares. The unit has a capacity of 10 lakhs seeds/year. They supply seeds acclimatized to fresh water also.

Exposure visit for farmers

- The KVK organized an exposure visit for the trainee farmers of the Regional Agricultural Technology Training Centre (RATTC), Vytilla to farmer participatory demonstration sites for cross learning. The demonstration on Varal (Channa





Striata) farming in the field of Shri. Anil Augustine, Kadungalloor, Aluva was the exposure site visited on 20th September 2022. The KVK has been conducting a Varal (Channa Striata) demonstration with the objective of reaching out the technology to more farmers. Shri. Anil is also undertaking Varaal breeding under the guidance of KVK. Dr.P.A Vikas, Subject Matter Specialist (Fisheries) and Shri. Anil Augustine interacted with the trainees.

Promoting Natural farming in Vegetables

- The KVK is promoting Natural farming of vegetables in the district towards self-sufficiency in vegetable production and nutritional security among scheduled caste families. The KVK distributed quality vegetable seeds of ICAR-Indian Institute of Horticultural Research, Bengaluru among selected scheduled caste families in a function held at Krishi Bhavan, Keezhmad on 27.09.2022. The participants were trained on Natural farming of vegetables. An interactive session on "Water management in homesteads to enhance vegetable production" was also held. Methods of recycling household wastes to kitchen gardens for higher productivity were taught. Smt. Siby V G, Agriculture officer, Keezhmad inaugurated the programme. Shri.Shoji Joy Edison, Subject Matter Specialist (Horticulture) conducted the training.

KARIMEEN HATCHERY

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(ജെസ്റ്റർ നമ്പർ EKM/ TC/252/ 2022)

KLMSME 7224 / 2022

Thaithara Kadav, Puthukkad, Karumalloor, Ernakulam

Technical support

ICAR- Krishi Vigyan Kendra, Ernakulam, CMFRI



KVK-GADAG



Participation in Krishi Mela

- The KVK participated and exhibited the technological products during the Krishi Mela organized by University of Agricultural Sciences, Dharwad from 17th to 20th September, 2022. The various dryland technologies, improved seed varieties for Rabi season, fruits, flowers, vegetables, natural farming technologies, millets and its value added products, amla products, fodder crops and seeds, weeders, onion detoppers etc., were exhibited in the Krishi Mela. The Innovative Farmers and DFI Farmers from Gadag district were felicitated in the Krishi Mela. Smt. Mangala Kiran Neelgund, DFI Farm womennurtured by our KVK was awarded as Shresta Krishi Mahila(Best Farm Women of the District) from Gadag district and she was felicitated during Krishi Mela by UAS, Dharwad. Dr. M.J. Chandregowda, Principal Scientist, ICAR-ATARI, Zone-XI, Bengaluru, Dr.S.A.Patil, Ex-Vice Chancellor and other dignitaries visited the KVK stall. Farmers' queries with respect to Bengalgram varieties, sorghum crop, natural farming practices, fodder crops, amla products, millets, onion detopper, weeders etc., were answered in the Krishi Mela by Subject Matter Specialists of ICAR-KVK, Gadag.

Poshan Abhiyan and Tree Plantation

- The KVK organised Poshan Abhiyan and Tree Plantation programme on 17-09-2022 at its campus. The programme was inaugurated by Shri Prashant Uppar, Training Coordinator, Taluk Panchayat, Gadag. He spoke on the importance of consuming locally grown traditional food. Dr.Sudha Mankani, SMS, Home Science briefed about bio-fortified crops, nutri garden and consumption of nutrient rich foods. Further, she talked about importance of millets in daily diet and demonstrated preparation of various food items that can be consumed every day. Mrs. Hemavati H., SMS, Horticulture briefed about the cultivation of vegetable crops in backyard as well as in farmers' fields. The message of Honorable Agriculture Minister, Govt. of India was screened to the participants and later useful videos on nutri garden, terrace garden, preparation and usage of Jeevamruta, organic pesticides etc. were screened for the benefit of the participants. Later Tree Plantation was taken up in the campus. The participants were provided with various types of saplings and the kits of vegetable seeds provided by IFFCO.



KVK-HASSAN



Poshan Abhiyan and Tree Plantation

The KVK organized the Campaign on Poshan Abhiyana and Tree Plantation on 17-09-2022 at its campus. Dr. Rajegowda, Head KVK, Hassan inaugurated and chaired the programme. During his remarks he mentioned the importance of balanced food in providing nutrients to the human body and to achieve that everyone should try to cultivate nutrigarden in their homesteads or ny adopting any other system. Dr. M. Shivashankar, Scientist (Home Science) during his introductory remarks he indicated that about 12.20% of women, 6.20% of children and as a total 30.20% of the people were under



malnutrition in the state of Karnataka. He also mentioned the importance of nutri-garden to reduce mal-nutrition. The programme was anchored by Ms. Supritha and Dr. Srinivas Deshpande, Dr. Arunkumar, B. R., Dr. Pallavi, N. and Dr. Sanketh, C. V., Scientists of KVK. Mr. Vinay, Officer from IFFCO, Hassan, 55 farmwomen participated in the pro-gramme. At the end seed kits were distributed to the participants and also planting of saplings was performed in the KVK Premises.



KVK-HAVERI



Poshan Abhiyan and Tree Plantation

- The KVK, Haveri organised “Poshan Abhiyan and Tree Plantation” on 17-09-2022 at Hediyaal village of Ranebennur Taluk. The programme was inaugurated by chairman of Gram Panchayat, Kajjari and graced by Sri. Suresh Motebennur. Smt. Geeta Madivalar, Members of Gram Panchayat. Dr. Manjunath M. V, Dean, College of Agriculture, Hanumanamatti chaired the programme. During his speech he conveyed the message to farmwomen to grow vegetables as kitchen garden and to include millets in daily meals. Dr. Kumar Kademani, Ayurveda Doctor delivered speech on importance of medicinal plants and their usage. Dr. Santhosha H. M, Scientist (Horticulture) while addressing the gathering stressed on kitchen garden layout and its maintenance. All the farm women were taken to a model kitchen garden demonstration unit and explained about different vegetable sowing/ transplanting and inter cultivation practices. Vegetable seed kits supplied by IFFCO were



distributed to the participants. The event enrolled had 63 farm women in the abhiyan and tree plantation programme.

Field day on Nutrient Management in Chillies

- The KVK organised a field day on nutrient management in chilli crop in the farmer’s field. The field day was observed



at the farmer’s field Mr. Ramanagowda, a progressive farmer of Sunakallabidari village of Ranebennur taluk. He spoke that farmers can get more profit though foliar application of nutrients in chillies. Dr. Ashoka P spoke about the problem of viral (muturu) disease in chilli crop in Ranebennur taluk which is considered as one of the important



problem. Dr. G. R. Rajakumar, Dr. Santhosh H. M, Scientists of KVK spoke that the farmers can adopt integrated method for the management of Muturu disease. The field day was attended by the progressive farmer Mr.Ramesh and more than 30 farmers from the neighbouring villages

Training for Krishi Sakhi

- The KVK conducted a training program on “Agro Ecological Practices” for Community Resource Persons of farm Livelihood (Krishi-Sakhi) selected by Sanjeevini-KSRLPS and Zilla Panchayat Haveri. The six-day program was organized for

ICAR-Krishi Vigyan Kendra, Lakshadweep

the women members of the organization in collaboration with Department of Skill Development, Entrepreneurship and Livelihood, Government of Karnataka. Shri. L.S. Ajgannavar, Hon'ble Board of Management Member, UAS Dharwad inaugurated the event and addressed that women who work equally with men in the field of agriculture should be given more encouragement in dairy farming and privileges given by the government should reach the farm women. Dr. Ashoka P, Senior Scientist and Head KVK Haveri narrated that Krishi Sakhi is a new idea which helps to directly deliver many programs of agriculture department and universities to the farmers at the village level. Dr. K. B. Yadahalli, Dean (Agri), College of Agriculture, Hanumanamatti presided over the function. Mr. S. G. Koravar, Project Director; Shri. Parasurama Pujara, Assistant Project Officer; Mr. Nagaraja Barki, District Program Manager and Mr. Ramesh Dasara, District Manager from Zilla Panchayat, Haveri, participated as guests and explained about the activities of Krishi Sakhi and the project. Dr. Ashoka P demonstrated the seed treatment practices and briefed the importance of seed treatment to Krishi-Sakhis. The other management practices were also dealt in the programme.



KVK-IDUKKI



Poshan Abhiyan and Tree Plantation

The KVK organized National campaign on Poshan Abhiyan and Tree Plantation at KVK campus on 17.9.2022 under the chairmanship of Ms. Reena Chacko, Chairperson, (Bapooji Sevak Samaj). Poshanmaah (Nutrition Month). Dr. R Marimuthu, Head, KVK welcomed the gathering. The programme was inaugurated by Ms. Sathi M S, Panchayat President Rajakkad. In her inaugural address she said that nutrient-rich plants are a key to combating the issue of malnutrition in the country. After the inauguration Ms. Sathi M S, Panchayat President Rajakkad distributed seed packets to Farmers and planted a Butterfruit sapling in KVK instructional farm. Mr. K.P Sudheesh, Standing Committee Chairman, Rajakkad Panchayat delivered special address. The programme was felicitated by Mr. C.R Raju (Ward member, Rajakkad Panchayath) and Mr. Rajesh, IFFCO representative. Ms. Ashiba A, SMS of the KVK delivered vote of thanks and stressed the ancient knowledge of Ayurveda also prescribed for nutrient-rich plants or a nutritious diet. The session was followed by seminar on Nutrigarden and PoshanAbhiyan by Dr. R Marimuthu and Ms. Manju Jincy Varghese,



SMS of the KVK. Dr. R Marimuthu informed the promotion of safe and healthy eating habits among farmers, provisions of nutritious food that can address micro and macro nutrient deficiencies and hidden hunger in children, better use of vacant land lying idle at the schools and AWCs (AnganWaadi Centres) and other relevant aspects. The campaign was attended by 63 farmers and 3 dignitaries.



KVK-KALABURGI-I



Demonstration of Pheromone traps

- Distribution of critical inputs under “Dissemination of Insect Resistance Management (IRM) for Cotton Pink Bollworm” project and demonstration of pheromone traps to control Pink Bollworm in Cotton crop and a diagnostic

field was performed by the KVK at Bhognalli Tq. Afzalpur and different villages of Chittapur taluka on 16th and 30th September, 2022 respectively. In these visits, Dr. Raju G. Teggelli, Head, KVK highlighted about the project and explained different management strategies in Cotton. The neem based products and safe use of pesticide advantages were informed to the farmers. Dr. Zaheer Ahamed Scientist (Pathology) explained foliar disease management in cotton and soil borne diseases in pulses. Dr. Vasudev Naik, Scientist (Horticulture) emphasised on improved varieties and horticulture practices in various fruits, flowers and vegetables crops. A follow-up visit to FLD in chilli and marigold at Bhankur and Alur villages of Chittapur Taluk along with Department of Horticulture, was also performed. In these visits, staffs of KVK, KSDA and KSDH were involved and more than 75 farmers were benefitted.





Ahamed, Scientist (Pathology), Dr. Manjunath Dr. Yusufali Nimbaragi, Scientist (Agronomy) delivered lectures. Dr. Shreenivas, B. V explained about on importance of soil and water testing in Agriculture and nutrient management in pulses. After the programme, participants visited to different method demonstrations units like vermicompost, hydroponics, soil testing labs, museum, terrace garden and dairy farm. About 38 farmers from different villages of Yadagiri district participated and benefitted from the training programme.



Training on Integrated Farming Systems

- The KVK in association with Sri Dharmasthala Manjunatheswara, NGO, Yadagiri organised one day training programme on Integrated Farming System on 23.09.2022 for the farm women of Yadagiri district. The programme was inaugurated by Dr. Raju G. Teggelli and he further explained about the KVK mandated activities, facilities and services available at the KVK. Further, he discussed on symptoms or identification of pests and concept of Integrated Pest Management in various in field and horticulture crops. Further, Dr. P. Vasudev Naik, Dr. Zaheer



KVK-KANNUR



Training students under RAWE programme

As part of Rural Awareness Work Experience Programme, 20 final year BSc Agriculture students of College of Agriculture, Ambalavayal, Kerala Agricultural University attended Krishi Patashala programme on management of arecanut yellowing organized by the KVK in collaboration with ATMA Kannur and Natural Malabar Fruit Producer Company. A diagnostic field visit was conducted by students together with KVK scientists, agriculture department officials, farmer producer company representatives and farmers to identify the problems in arecanut field of Mr. Raju, a front-line farmer at Alakkode Panchayat. Dr. Jayaraj P., Head, KVK elaborated about the issues observed in farmer's field and importance of integrated nutrient management in arecanut gardens for better productivity and profitability. RAWE students shared their observations about the field situation and suggestions to manage the yellowing of arecanut with farmers. A discussion was conducted on the management of arecanut yellowing by adopting scientific



ic cultivation practices and decided to conduct a frontline demonstration on integrated nutrient management of arecanut in the area to convince farmers about the production potential of arecanut. About 50 farmers attended the programme and students got an opportunity to interact with farmers and to elicit the real issues faced by famers in their field. Smt. Remyabhayi, Agricultural Officer, Pariyaram, Smt. Anju V. M., Agricultural Officer, Alakkode, Smt. Renisha J. M., Assistant Professor (Horticulture), KVK, Dr. Parvathy A., Assistant Professor (Agricultural Extension) and Sri. John Thekumcherikkunnil, Chairman, Natural Malabar Fruits Farmer Producer Company attend ed the programme.

Awareness Programme on Rabies for students

KVK Kannur organized an awareness programme on rabies for upper primary students of St. Joseph High School, Pushpagiri as part of World Rabies Day – 2022 on 28. 9.2022. Dr. Ambili John, Assistant Professor (Animal Science), KVK Kannur handled a session on precautions and prevention of rabies. Sister Maria, Headmistress, St. Joseph High School welcomed the gathering. Dr. Parvathy A., Assistant Professor (Agricultural Extension), KVK, teachers and two hundred students participated in the programme and the interactive session followed.



KVK-KASARAGOD



Poshan Abhiyan, different training programmes like, nutrition education on nutraceutical food preparation, effective use of food sources in up scaling nutritional status and a session on Nutritional security for mothers and children's were conducted. A training on nutrition and health for differently abled children at Mahatma Model School at Pullur, Periya Panchayath in which 20 mothers participated. The KVK developed a special supplementary food named "Sampoorna Special Supplementary food" as a part of OFT programme. The KVK distributed the above supplementary food and biscuits made up of this nutrimitx to 50 differently abled children and also a session to make use of this product for making biscuits, upma, dosa and chapati etc. as per the preferences of the individual kids were also handled. As a part of the programme, nutritional and health advisories were given by two practicing doctors, Dr. Arati and Dr. Suman.

Poshan Abhiyan and Tree Plantation

The KVK organized Poshan Abhiyan and Tree Planting Campaign on 17-09-2022. In this campaign seeds and seedlings were distributed to 100 farmers in collaboration with IFFCO. A seminar on Nutri Cereals and importance of millets were organized in which 50 farmers participated. As a part of the



KVK-KODAGU



Training on Scientific Beekeeping

A training programme on scientific beekeeping was organized for 50 SC farmers on 19th September, 2022 by the KVK. Mr. Prabhakara B, SMS (Horticulture) welcomed and introduced the programme. Mr. Devaiah, Head, KVK in his address spoke about the importance of Honeybee in Coffee and how honeybees can increase production to the extent on 30 % in coffee based cropping system. The technical sessions were handled by Dr. Kenchareddy, Professor and expert in Honeybees from the College of Forestry along with practical session on the handling of bees and examining of beehives. Certificates were provided to the participating farmers. Mr. Veerendra Kumar K.V, SMS (Plant Protection), coordinated the programme.

Mission Rabies Eradication

The KVK along with Dept. of Animal Husbandry and Veterinary Sciences, Zilla Panchayath, Kodagu jointly organised a free anti rabies campaign for the pet dogs of the district on 28-09-2022. A one-day training programme on World Rabies day was conducted with the theme of 2022 "Rabies- One health Zero Death" for the benefit of 35 Kodagu district veterinarians. The programme was combined with the "Mission Rabies eradication" of Dept. of AH & VS and about 261 dogs were vaccinated. Working veterinarians got vaccinated against rabies from Dept. of Health & family welfare, as they are the first line extension workers. Key speaker for the programme was Dr. Nagappa, Associate Professor (Public Health). Veterinary College, Hassan. Dr. Suresh S.C, SMS (Livestock) coordinated the programme and delivered lectures on rabies awareness. About 35 veterinary surgeons attended the programme and benefitted.



KVK-KOLAR



Poshan Abhiyan and Tree Plantation

The Poshan Abhiyana and Tree Plantation was organized at KVK on 17.09.2022. Hon'ble Member of Legislative Assembly, Kolar and IFFCO Director, Sri. K. Srinivasagouda inaugurated the programme and highlighted about the importance of balanced diet and steps to be taken to address the malnutrition problem in the rural areas. He also highlighted the intervention of nano urea by IFFCO and informed that it is a milestone in the history of Indian Agriculture and advised the farm women to recommend the use of nano urea in different crops. Shri. Gopalakrishnagowda, President of HOPCOMS, Kolar district was the Chief Guest. Sri. Chetan, Field Officer, IFFCO, Bengaluru informed about the importance of Poshan Abhiyana and various initiatives taken by IFFCO. Mr. Ravikumar, ACDPO, Kolar provided detailed information on the various schemes and measures taken by the Department of Women and Child Development to tackle malnutrition, anaemia and other related health issues in rural folk. Mr. K. Thulasiram, Head, KVK presided and spoke on importance of the programme. Dr. Chikanna G.S., Scientist (Home Science) delivered a lecture on importance of minor millets and nutrigarden for addressing malnutrition and also importance of biofortified crops. About 90 Anganawadi teachers of Kolar Taluk and 10 officials of the Department of Women and Child Development participated



in the programme. Vegetable seed packet and two drumstick seedlings were distributed to all the participants.

Integrated disease and pest management of major field crops

KVK in collaboration with Department of Agriculture, Kolar organized on campus capacity development programme on integrated disease and pest management of major field crops on 20.9.2022. Dr. Sadanand K. Mushrif, Scientist (Plant Protection) delivered lecture on management of diseases of major field crops of kolar district and Mr. K.Thulsiram provided information on integrated management and pests of major field crops and their integrated management. The training was attended by 65 farmers.



Latitude: 12.998368
Longitude: 77.937587
Elevation: 927.4857 m
Accuracy: 22.7 m
Time: 20-09-2022 11:28



Latitude: 12.998269
Longitude: 77.937587
Elevation: 901.8853 m
Accuracy: 44.6 m
Time: 20-09-2022 11:28
Site: PKVY Training at Malur

Promotion of Organic farming in Horticulture

The KVK organized an off campus capacity development program in collaboration with Horticulture Department and Vahini Development Society on Organic farming promotion in Horticulture crops under PKVY in Malur on 20.9.2022. Dr. Anil Kumar, Scientist (SS&AC) delivered lecture on organic farming promotion in Horticulture crops. DD, SADH Malur, Bangarpet and Mulbagal along with 30 Horticulture officers and 30 farmers attended the program.

District level Workshop for Field level Staff of DIPS

The KVK organized a District level Workshop for Field level Staff of DIPS in collaboration with Atal Bhujala Yojana Bengaluru and DPMU Kolar on 21.09.2022. Dr. Anil Kumar, Scientist

(SS&AC) delivered lecture on soil and water conservation in Agriculture. Sri Kumar swamy Assistant executive Engineer



and Member Secretary, Atal bhujala yojana, Sri Basave Gowda Nodal officer and Smt. Sharanya, Ground water recharge specialist State program implementation unit Bengaluru and 30 field officers participated in the program.

Advances in tomato production technology

The KVK organized an Off campus capacity development program on advances in tomato production technology in association with Department of Horticulture and ATMA in Tayluru on 22.09.2022. Dr Jyothi Kattagoudar, Scientist (Horticulture) delivered a lecture on advances in tomato production technology. The training was attended by 50 farmers.



Poshan Maah 2022

The KVK in collaboration with Dept. Women and child Development organized capacity development programme on Poshan March 2022 on 23.09.2022. Dr. Chikkanna G.S, Scientist (Home Science) delivered a lecture on importance of Minor Millets and Nutri garden to maintain good health. Dr Suparna delivered lecture on Role of Ayurveda in Management of Malnutrition. The programme was attended by 70 anganwadi teachers and Asha workers.

Bimonthly workshop for KSDA Officers

The KVK organized bimonthly workshop for KSDA Officers at KVK on 23.09.2022. Dr. B. Krishnamurthy, ADE, UAS Bengaluru presided over the workshop. Dr. M.R. Anand, Associate Professor, Arid legumes scheme, GKVK, Dr. Devaraj, Associate Professor, College of Sericulture delivered lectures on contingent crop planning and important diseases management in important field and horticultural crops. The JDA, DDAs, ADAs and about 45 officers of KSDA and KVK Kolar and KVK Chintamani participated.

Mechanization in Mulberry cultivation and Horticulture crops

The KVK organized a capacity development programme on "Mechanization in Mulberry cultivation & Horticulture crops" in collaboration with ATMA, Department of Agriculture, Kolar on 30.9.2022. Dr. Nagaraj K.S., Asst. Professor, Dept. of Fruit Science, College of Horticulture provided information on scope of Mechanization in horticulture and also advances in fruit crops production. Dr. Shashidhar, Scientist (Sericulture) delivered a lecture on recent advances in mechanization in sericulture while Mr. Manjunath, AD, Dept. of Sericulture. The training was attended by 60 farmers and farm women.

KVK-KOPPAL



Celebrating the International Year of Millets

- Millet is a good source of protein, fiber, key vitamins, and minerals. The potential health benefits of millet include protecting cardiovascular health, preventing the onset of diabetes are known facts. As 2023 has been declared as International year of millets the KVK along with SKDRDP organised series of training programmes on nutritional importance and value addition to millets in Murari Nagar, Bapureddy Camp, Bandi Basappa camp and Vadrahatti villages. Apart from the training, millet recipe competition were also organised in all the villages. Health food recipes were also prepared and demonstrated. The event was attended by more than 460 rural women.

Training for Krishi Sakhi

- Krishi Sakhi is a Community Agriculture Care Service Provider which will enable the last mile coverage in rural areas where farm based services for agriculture activities is not

available on time for rural poor women. Krishi Sakhi is envisaged to create awareness and capacity building of Mahila Kisan on agricultural activities and to facilitate aggregation and marketing of the agricultural produced. ICAR KVK Gangavathi. Along with Zilla panchayat ,Koppal organised Krishi sakhi training for two batches of 30 krishi sakhi each from 12 to 17th September and 26th to 1st October at KVK. Series of lectures were conducted related to agriculture and allied subjects in the above activity.



KVK-KOTTAYAM

Poshan Abhiyan and Tree Plantation

- The KVK organized Poshan Abhiyan and Tree Plantation, in association with IFFCO Kottayam on 17-09-2022. The programme was attended by the farmers, students of Government LPS, Arpookara and women entrepreneurs. The message of Hon'ble Union Agriculture Minister was conveyed to the participants. The programme was inaugurated by Smt. Kavitha Lalu, Block Panchayat member who distributed seed kits and saplings to the participants. The Field Representative of IFFCO elaborated the advantages of using nano urea for reducing fertilizer use. Mr. Manu-



el Alex, SMS (Horticulture), handled a session on nutritive importance of vegetable cultivation. The school students were taken for a visit to the KVK premises. Saplings were also planted in the KVK premises as a part of the programme.

Convergence meet for implementing NICRA project

- In order to ensure the convergence of the departments of agricultures allied sectors in implementation of NICRA project in Kumarakom village, a meeting of official Heads was convened by the District Collector on 22-09-2022. As per the direction of the District Collector, a field visit was conducted on 28-09-2022. The team comprising the officials of Soil conservation, Minor irrigation, Grama Panchayat, Kuttanad Package, Krishi Bhavan, farmers and KVK Kottayam surveyed the village and studied the feasibility of improving the infrastructure facilities to reduce the impact of climatic vagaries.



KVK-KOZHIKODE



Poshan Abhiyan and Tree Plantation

The National Campaign of Poshan Abhiyan and Tree Plantation were inaugurated by Shri K. Sunil, President, Chakkittapara Grama Panchayat at KVK, IISR, Peruvannamuzhi on 17.9.22. The programmes were presided by Dr P. Ratha Krishnan, Head , KVK and Mr G.S. Nadu, Field Officer, IFFCO delivered felicitation address. During the event, Mr K.T. Francis, Marutonkara, this year best coconut farmer awardee of Coconut

Development Board, Cochin was also felicitated. The farm women were distributed with seed kits arranged by IFFCO and neem saplings were also planted at KVK campus. In continuation, training on nutri-garden and tree planting was held with expert classes on Nutri-garden establishment, Balanced diets and Poshan Abhiyan delivered by Dr P.S. Manoj, Ms. A. Deepthi, Dr. K.M. Prakash and Dr. P. Ratha Krishnan.



KVK-LAKSHADWEEP



Joint efforts of KVK and UT administration of Lakshadweep in Promoting Vegetable and Fruit cultivation

It is believed and proved that convergence of extension activities yields larger visibility and impact. During the early 2021-22 KVK was requested by UT administration of Lakshadweep to work together on promoting vegetable cultivation. It has been a practice in the islands that vegetable varieties of any choice were promoted which has resulted in low yield and in several occasions crop losses. Understanding the need KVK, during 2021-22 undertook on farm trails of few vegetable varieties of IIHR, Bangalore for its location specificity in micro farming situation.

Based on the results, during 2022-23 the KVK provided suit-



able vegetable seeds and fruits planting materials to the Department of Agriculture with the funds allotted from different projects provided by ICAR-ATARI, Bengaluru and also from the TSP funds of ICAR-CMFRI.

The KVK was invited by the UT administration and specified the joint roles to be performed. Under this initiative KVK and the Department of Agriculture jointly planned to implement the activities. Seeds were provided to the Department of Agriculture for distribution across 10 inhabited islands. The seeds were transported from Kavaratti to other nine islands and received by the respective Heads of Agriculture Demonstration Unit. In few islands nursery was raised and seedlings were provided and in others seeds were directly provided to





farmers. Under this initiative KVK provided seeds and planting material to 2010 households covering 10 islands. The staff of Department of Agriculture specified their roles and worked with KVK accomplish this activity. A Counter at KVK functions to provide seeds all-round the year. The growth and other parameters of the vegetables have been periodically undertaken for reporting. The crop establishment is found to be encouraging and results will reported during 2022-23.



Common Name - BRINJAL
 Scientific Name - Solanum melongena
 Family - Solanaceae



31 - © Ananth P N
 18 08:26



Introducing the first FPO in Lakshadweep to the community of Kavaratti Islands

The first FPO formed in Lakshadweep by KVK was introduced to the community through an Extension Advisory Service (EAS) activity. One of the prime activity of KVK with a concrete business plan has been devised by KVK for the FPO. The FPO will be working on marketing of dried copra using a dryer of efficient capacity. Apart from that the FPO has a social responsibility to work on EAS in association with KVK and the Department of Agriculture. In these lines, KVK recommended and facilitated the FPO to receive funds from Coconut Development Board, Kochi. The board accepted the FPO for implementing development schemes with a rider that KVK should take a major role in implementation. In such a development the first farmer's field day programme was organized by the Kavaratti Island Coconut Cooperative Ltd (FPO). The technical programme was provided by KVK for its implementation.

The farmers field day was organised at Kavaratti on 29 September 2022. The meeting was attended Dr. P. N. Ananth, Head, KVK, Dr. Mohammed Koya and Dr. Abdul Gafoor along



with 20 farmers and farm women. The farmers field day was presided by Mr. Mohammed M. P., Panchayat Member and delivered his inaugural address with emphasizing to find out ways and means for the success of the first Farmers Producers Organisation in the island. During the address, Dr. Ananth informed that the formed FPO will work on copra drying and marketing as its prime activity and in future to work on other value added products. The technical programme of the field day was held on the topic of improving nutrition and disease management in coconut. The use of microbial consortium and other techniques for enriching soils of coconut garden was delivered. Arka Microbial Consortium of IIHR, Bangalore was introduced to the farmers. The FPO President Mr. Musunad concluded the meeting by informing the future perspectives of FPO. Later, Mr. Shihab, B.K., Member, FPO spoke about the challenges in improving the fertility of soils and also informed about the microbial consortium as one of the preferred option in enriching the coconut gardens. Mr. Masood, Technical Officer, CDB, Lakshadweep also attended the programme.

KVK-MALAPPURAM



Training on Production of Trichocards

- The KVK imparted training to women groups on Trichocard production with financial support of NABARD to empower them and to facilitate biological management of pests through augmentation of natural enemies. The training was organized for 15 farm women from three different blocks of the district. As part of the programme, an exposure visit was conducted to AICRP center for Biological Control of Crop Pests, KAU, Vellanikkara and State Biocontrol Lab, Mannuthy on 17.9.2022. The participants were familiarized with the equipment and other accessories required for the establishment of trichocard unit, the process of trichocard production and had hands - on training in collection of adults of *Corcyra cephalonica*, preparation of egg card, sterilization and parasitisation process.



Poshan Abhiyan and Tree Plantation

- The KVK conducted "Poshan Abhiyan" programme on 17-09-2022. Kudumbasree Mission Malappuram district Coordinator Sri. Jafar Kakkooth inaugurated the programme, and distributed vegetable seeds and seedlings kit to farmers. Awareness sessions on "Millets and bio fortified crops for nutrition security" and "Importance of Nutri garden in households" were delivered by Dr. Lilia Baby and Dr. Jasna V. K respectively. As part of tree plantation programme saplings were planted by Head, KVK, farmer representa-

tives and staff members. The event was attended by 45 farmers.

Scientific deliberation on increasing incomes in Dairy Enterprises

- A scientific deliberation on increasing the net return of dairy farming enterprises was handled by Dr C. Ibraheem Kutty, Head, KVK at the Block level dairy farmers meet "Ksheera Sangamam" held at Edappal on 24-09-2022. Various topics based on the prioritized issues were discussed related to the topic. The need for assessing the feasibility of enterprises based on the resource availability and other factors were detailed in the process of deliberation. The deliberation was attended by 150 dairy farmers from Pon-nani block of the district.



Training of Master trainers in Precision Farming

- As a part of Master trainer's training programme of Kudumbashree mission, two sessions were handled by KVK on the topic of "Precision farming" on 15.09.22. Micro irrigation concepts and its importance in water management, components of drip irrigation, installation and maintenance of the system, fertigation, protected cultivation methods and others were covered in these sessions

Exhibition and Demonstration on Drones

- The KVK and Department of Agriculture had jointly performed a field exhibition cum demonstration for Agricultural drones in connection with SMAM scheme in Malappuram district on 22.09.22. The programme intended to

provide awareness and encouragement to the farmers on various agricultural services through drone application. As a part of this programme a pre field visit on 20.09.22 was performed by Er. Priya,G,Nair, and Dr. Najitha Ummer Assistant Professor (Agrl.Entomology) of KVK to identify the suitable fields. The first activity was on 22.09.22, 10 am at Manalel padasekhram, Aliparamba, Perithalmanna Block



Panchayath. The function was inaugurated by Smt. M.K Rafeeka, District Panchayat President. The second activity was on 22.09.22 at Kolom padasekharam, Puzhakattiri, Mankada Block Panchayath. The exhibition cum demonstration was inaugurated by Block Panchayat President Sri. Shihabudheen. Principal Agricultural Officer, Malappuram District Smt. Saifuneesa, Executive Engineer, Department of Agriculture, Kozhikode Sri.Mohanana.C.K, and Er. Priya, G, Nair addressed the gathering. Er. Priya,G,Nair and Dr. Jasna. V. K, Assistant Professor (Agrl.Extension), KVK Malappuram coordinated the field demonstrations. The micro nutrient mixture sampoorana for rice was applied at a dosage of 1kg in 10 litre water in both fields as per the recommendation of KAU.



Training for Kudambashree JEVA Master trainers

- The KVK has organized a seven day training programme for Kudumbashree JEVA master trainers in order to endow JLG Evaluation Agents with sustainable and scientific farm management skills for furthering their ability to institutionalize sustainability. The training programme was inaugurated by Mr. Jafar Kakkooth, District Mission Coordinator, MKSP- Kudumbasree Mission. The coordinator of the programme was Dr. Jasna V.K. Theory sessions were coupled with practicals to impart skills. The topics covered were precision farming, vegetable cultivation, Biofortification, Nutrition garden, plant protection and food processing aspects. Sessions were handled by Dr. Priya G Nair, Dr. Prasanth K., Dr. Lilia Baby, Dr. Jasna V.K. and Dr. Najitha Ummer of KVK.



KVK-MANDYA



Training for Krishi Sakhi

The KVK organized a training programme on Agro-ecological practices for 30 community resource persons who are designated as Krishi saki. The programme was jointly organized by KVK in association with SANJEEVINI- Karnataka State Rural Livelihood Promotion Society Department of Skill Development, Entrepreneurship and Livelihood, Government of Karnataka and University of Agricultural Sciences, Bangalore. The objec-



tive of this training is to develop and prepare the Krishi saki as a progressive farm women and also community resource persons in their locality. It's a platform for Krishi sakis to enrich their knowledge on agriculture and know about facilities and schemes regarding agriculture sector. Dr. S S Prakash, Dean (Agri), College of Agriculture, VC farm, Mandya briefed the role of farm women in agriculture and also the role of them in diffusing the technologies in his inaugural address, Dr. M. P. Rajanna, Associate Director of Research, Zonal Agricultural Research Station, VC farm, Mandya wished the Krishi Sakhis to enrich their knowledge and also make use of that while serving as community resource persons, Dr. D. Raghupathi, Associate Director of Extension, Zonal Agricultural Research Station, VC farm, Mandya, Dr. Naresh, N. T. Head, KVK, Dr. Suresh. D. K. Training Coordinator and other Scientists of the KVK, VC farm Mandya participated in the training.



KVK-MYSORE

Workshop on Sustainable Agriculture

- A two-day workshop was organised by the KVK for watershed area farmers on 'Sustainable Agriculture' in collaboration with BIAF. Sri. Shamaraj, Scientist (Agronomy) provided information about integrated crop management in watershed and rainfed areas. Management practices were delivered for the farmers including use of farm implements. Farmers visited the demonstration units in KVK



and the model half-acre Horticulture Integrated Farming System. The workshop was attended by 35 farmers.

Online Training on Butter fruit

- An online training programme was organized by KVK on butter fruit for the farmers. Dr. G.M. Vinay, Scientist (Horticulture), informed the value and market about butter fruit. He suggested to farmers grow more butter fruit trees for better financial benefits. Dr. Muralidhar B.M, a fruit scientist from Indian Central Research Center, Chettali was the resource person for the training. He delivered the management practices of the fruit. He touched upon the methods of training and pruning, intercropping, pest and disease control. He indicated that root rot incidence is high in butter fruit due to frequent rains. His suggestion was that the farmers should make ridges and plant them and make sure that the water drains properly. The training was attended by more than 109 farmers.
- University of Agricultural Science, Dharwad awarded Dr. Channaveera Kanavi Best Agriculture Literature Prize to Smt. H.V. Divya, Senior Scientist and Head (Incharge) for her literature published at Adike Pathrike titled "Desi Bee-

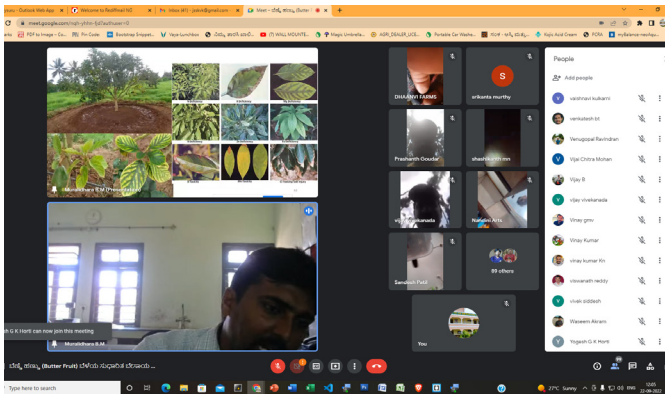
jada Beleyalle nemmdi". She received Rs 10,000/- cash prize and a memento during Dharwad Krishimela 2022 held at University of Agricultural Sciences.

- On the occasion of Poshan Maah celebration the KVK in association with IFFCO Mysuru and Institute of Agriculture Technologist (IAT) celebrated campaign on Poshan Abhiyan and Tree plantation on 17-09-2022 at KVK campus. Mrs. Divya H.V., Hed, KVK gave presidential remarks about the programme and spoke about importance of tree plantation and nutri garden importance. Mr. Manoj, Field Officer IFFCO Mysuru explained about usage of nano urea in crops. Mrs. Netravati Yattinamani, Scientist (Home Science) delivered lecture on importance of nutri garden, nutrients present in the fruits and vegetables, health benefits of fruits and vegetables, balanced diet. Dr. Mahantheshappa M., President, IAT, Mysuru chapter, Dr. Nikith, Veterinary Doctor, Mrs. Rajamma Madayya, President, Grama Panchayath, Biligere were the chief guests of the programme. More than 100 farmers, farm women and students and staffs of Gumahantheshwara school and the staffs of KVK attended the programme. About 100 vegetable seed kits were distributed to the farmers and school students.



Training programme for FPO

- The KVK in collaboration with ISHA Nanjundeshwara FPO, Nanjungud organized a training programme on “Improved Cultivation practices in Banana and Fertigation technologies in Horticultural crops” on 30-09-2022 at APMC yard Nanjungud. Dr Vinay delivered a lecture on improved cultivation practices of Banana. The FPO directors, ISHA members and about 250 farmers participated in the programme.



KVK-PALAKKAD



Farmer-Scientist Interface for Farmer-Scientist Interface for Development in Watershed Areas

The KVK conducted a farmer scientist interface in collaboration with NABARD-KFW soil project on 22.08.2022 and 29.08.2022. The farmers participated in the interface were from two watershed areas of Nemmara grama panchayat. The discussions were led by Dr. Sumiya KV, Head, KVK, Dr. Resmi J (Assistant Professor, Horticulture), Dr. Sreelakshmi K (Assistant Professor, Agronomy) and Dr. Smijisha A.S (Assistant professor, Animal Husbandry). In the interface 55 farmers attended the programme. During the programme, several field problems faced by the farmers were addressed. A visit to the Rice museum under Regional Agricultural Research Station was also arranged.



Diagnostic field visit and training

- Over the years it has been observed that bacterial leaf blight is a major problem in paddy fields of Palakkad. The disease is widespread and severe incidences were noticed in the fields. Hence KVK conducted several capacity building programmes for farmers of Tarur, Pattithara and Nagalasseri Panchayaths. Farmers were trained on identification and management of the disease. Diagnostic field visits were also conducted in these areas. Necessary recommendations were suggested for the disease management. A front line demonstration on IDM in paddy was also initiated in Nagalassery and Pattambi during September, 2022.



World Rabies Day

- The KVK observed World rabies day at AUPS, Varode, Palakkad district. An awareness session was organized by Dr.Smijisha A.S, Assistant Professor, Animal Husbandry for students about pathogenesis, prevention and public health aspects of rabies. A group of students from science club, health club and nature clubs participated in the programme. The students actively participated in the interaction and took the pledge to take anti rabies vaccination for their pet animals.

Training students under RAWE programme

- The KVK trained a group of 20 students from College of Agriculture Ambalayavayal, assigned under RAWE (Rural Agricultural work experience) programme from 19.09.2022 to 25.09.2022. The students were introduced to the activities of KVK followed by interaction sessions with Agri input dealers and farmers as a part of the capacity building programmes organised at KVK. The students were given an opportunity to conduct classes at Pattithara for farmers on the topic "Scientific farming methods in Paddy cultivation" which was followed by field visit to NICRA village, Pattithara. The visits to tribal extension centre, Attapady and millet village of Attapady were also organized for the benefit of students.



KVK-PATHANAMTHITTA



Poshan Abhiyan and Tree Plantation

- The National Campaign on Poshan Abhiyan and Tree Plantation was celebrated on 17.09.2022 at the KVK campus in collaboration with IFFCO. The Poshan Abhiyan 2022 programme had highlighted the need for healthy dietary initiatives at local level. The programme was inaugurated by Smt. Sosamma Joseph, Block Panchayath President, Koipuram in the presence of Gram Panchayath President Mrs. Jiji P Abraham, Sri.Giji Mathew, District Panchayath Member and Welfare Standing committee Chairman, Mr.Lalu Thomas, Block Panchayath Member, Smt. Usha Jacob, Grama Panchayath ward member and Scientists and Officials. The keynote address was delivered by the Dr. C P Robert, Senior Scientist and Head. In his address, he stressed on the importance of local level measures to improve nutritional status of adolescent girls, pregnant women, lactating mothers and children from 0-6 year's age. With an aim to motivate and create awareness on food and nutritional security at local level, on the occasion 100 fruit saplings and 100 seed packets were distributed. To make this event more meaningful fruit tree planting campaign was also organized. Training sessions on Nutri garden, bio-fortified crop varieties, Nutri-Cereals and their role on human health was specially arranged for ICDS beneficiaries of Koipuram block. An interaction session on balanced use of fertilizers available in the market was also arranged for the participants. The total number of participants was 100.



Special Programme on Vegetable Cultivation

- KVK, Pathanamthitta organised exclusive programme for the empowerment of SC community in collaboration with Krishi Bhavan, Aranmula at Eizhikkadu Harijan colony of Aranmula Panchayat in Pathnamathitta district, the second biggest SC settlement area in Kerala state as part of the SC special programme of ICAR-CPCRI, Kasaragod. The programme was inaugurated by Sri. N.S.Kumar, Vice President, Aranmula Garma Panchayat and was presided by Sri. Srini Chandiseeril, Member, Aranmula Panchayat in the presence of Smt. Ashwathy Vinoj, Vice President, Pandalam Block. The Key note address was delivered by Dr. Sindhu Sadanandan, SMS (Ag. Extn) and the technical sessions on Vegetable cultivation, Disease management in Dairy were handled by Ms. Ambily Varughese, Farm Manager, Dr. Rincy K Abraham, SMS (Horticulture) and Dr. Sency Mathew, SMS (Animal Sc.) of ICAR-KVK, Pathanamthitta. During the programme five types of vegetable seeds viz. Yard Long bean (Arka Mangala), Palak (Arka Anupama), Chilly (Arka Haritha) , Bottle gourd (Arka Bahar) and Palak (Arka Samraksha) were distributed to 60 SC members of Ezhikkadu colony.



Establishment of Entrepreneur Support Centre under ARYA project

Youth play a vital role in meaningfully transforming agriculture in India and other agrarian economies. The KVK has been working over a decade for empowerment of youth in the field of agriculture and allied sectors through various training programmes and other development interventions. Realizing the importance of rural youth in agricultural development especially from the point of view of food security of the country, ICAR initiated a project on "Attracting and Retaining Youth in Agriculture (ARYA)" during 2015-16. The KVK initiated the programme in 2019-20 with an aim to empower youth in the field of poultry farming, nursery management, beekeeping and value addition and processing in Jackfruit. Significantly, during the last three years about 279 youth were trained and 54 youths have so far established their own enterprises with the facilitation of this

KVK. As an innovative extension approach the KVK initiated and implemented an Entrepreneur Support Centre (ESC), its third marketing outlet and a unique nutritive hub for small entrepreneurs that ensures delivery of nutritious, healthy and wholesome products to its customers. The uniqueness of the market mechanism is that individual entrepreneur himself decides on the selling price of their products at the same time quality of the products is monitored by KVK. Entrepreneurs registered with ESC are the only one allowed to sell their produce. It is also ensured that every produce brought to ESC are produced by the entrepreneur through his/her enterprise following Good Manufacturing Practices (GMP). Registered entrepreneurs are also issued Identity Card by KVK, which ensures quality in marketed products. This innovative extension approach is basically towards facilitating such enterprises established by entrepreneurs through a facilitation process envisaged by KVK.



KVK-RAMANAGARA



Strategising Agri-tourism

The KVK in collaboration with state department of Ramanagara had organized meeting on “Encouraging Agri-Tourism in Ramanagara District”. Dr. Narayangowda, K., Director of Extension, UAS Bangalore highlighted about need of agri-tourism which provides ‘rural experiences’ to travellers with the goal of creating livelihood and generating revenues for farmers and surrounding communities. He also said that it is a two way benefit model because along with farmer the visitors can get the benefit of natural environment, crop history, cultivation aspects and recreation. Dr. Lata R. Kulkarni, Senior Scientist and Head, KVK Ramanagara briefed about the importance of Agritourism in Ramanagara district and welcomed the gathering. She also highlighted that agri-tourism could be profitable as additional income generating subsidiary activity to farmers;



as it can be maintained by family members only. During technical sessions, Dr. Raghuprasad, K.P., Professor & Head, ATIC, UAS Bangalore, explained the history, scope, objectives, principles, opportunities, benefits of agri-tourism, services provided in agritourism, successful models, market strategies, key techniques for improvement of agritourism. Mrs. Roopa, AD, Department of tourism, Ramanagara highlighted about the departmental schemes and opportunities and the benefits of the agri-tourism scheme for farmers. Dr. Mannivanan, Principal, FCI, Mysore explained about the hospitality training. Line department officials from Agriculture, Horticulture, Sericulture, Fisheries, Animal husbandry shared about different activities carried out, valuable reviews regarding this new initiative and also probable farmers list for agritourism were prepared. Mrs. Preethu, D.C. Scientist (Soil Science), Dr. Sowjanya, S. Scientist (Agricultural Extension), Dr. Harsha, G., Assistant Professor, ATIC, UAS Bangalore staffs from line departments and KVK participated in this meeting.



KVK-SHIVAMOGGA

Poshan Abhiyan and Tree Plantation

The KVK organized "National Campaign on Poshan Abhiyan and Tree Plantation" on 17.09.2022 in collaboration with IIFCO, Shivamogga and Women and Child Welfare Department, Shivamogga. During the programme, Smt. Savitha, K. S. (Zilla Panchayat Supervisor) delivered the introductory address and welcomed the gathering. The programme was inaugurated by Smt. Prathiba, President, Gram Panchayat, Thammadihalli. Dr. Jyoti M. Rathod Scientist (Home Science) addressed the gathering and explained about the importance and objectives of poshan abhiyan programme, need of nutritious food in our daily diet especially for womens, causes of nutrient deficiencies, health disorders and weakness in women during pre and post pregnancy periods. She also mentioned some of the value added products of cereals and their nutritious value. Dr. Pooja, G. K., Senior Research Fellow (ARYA) explained about the nutri-garden, importance and need of nutri-garden, role and benefits of nutri-garden in human diet. Shri. Raju,



Assistant Marketing Officer, IIFCO organization, Shivamogga gave introductory and spoke about nano-urea and its benefits in different agricultural and horticultural crops. Seedlings of papaya and drumstick were planted in the school premises and seeds were distributed to the farmers. Shri. Nagaraj, T. G., (Gram panchayat vice-president) and Shri. Krishnamurthy (Gram panchayat member) were also present. About 102 farmers and farm woman along with the anganvadi workers attended and got benefitted from this programme.



KVK-THIRUVANANTHAPURAM

Poshan Abhiyan and Tree Plantation

The KVK organized several programmes in accordance with the theme of national campaign on "Poshan Abhiyan and Tree Plantation-2022". The campaign was held on 17-09-2022 at the campus of KVK. The events started off with an awareness on Nutri-Garden and bio-fortified varieties and interaction on nutri-cereals and their role on human health by Dr. Devika I (Subject Matter Specialist- Home Science). The awareness programme was attended by 90 Anganwadi workers of Integrated Child Development Scheme, Trivandrum district and 72 farmers. Dr. Binu John Sam (Senior Scientist & Head) delivered the introductory remarks followed by the live telecast of the



Vellanad, Kerala, India
 Companymukku, Mitraniketan P.O. 695543, Aryanad
 -Vellanad Rd, Vellanad, Kerala 695543, India
 Lat N 8° 33' 54.0288" Long E 77° 3' 50.6412"
 29.54° C, 70° E, 32.0 μT

speech of Hon'ble Prime Minister of India. Fruit saplings and seed packets of vegetables were distributed to participants. Tree plantation drive was inaugurated by Dr. YVN Moorthi, Regional Head, Fertilizer Association of India.



KVK-THRISSUR

Poshan Panchayats

TA series of sensitisation campaigns with flash mobs, lecture sessions, outreach programs, hands on trainings on preparation of nutritious food etc., have been taken up by Krishi Vig-

yan Kendra, Thrissur in September. 'Ammaki Raso' was well acclaimed, when activities giving importance to traditional nutritious dishes were carried out, particularly in the month of Onam. The focus group was 'Anganwadi' workers, who in turn are the extended arms of the system at the grass root level, responsible for healthy mothers and children. Staff and students of the College of Climate Change and Environmental Studies and College of Agriculture, Vellanikkara, Thrissur increased the public appeal of this programme with flash mob presentations. IFFCO had supported the programmes with seed packets which was distributed to the participants.



KVK-TUMAKURU-I



Training for Krishi Sakhi

- The KVK organized a six-day training programme on Agro Ecological Practices from 19-24 September, 2022 for community resource person (Krishi Sakhi) of farm livelihood. The programme was organized in association with SANJEEVINI- Karnataka State rural livelihood promotion society, Department of skill development, Entrepreneurship and Livelihood and University of Agricultural Sciences, GKVK, Bangalore. The programme was inaugurated by Mr. Sudarshan, EO, TP, Tiptur and mentioned Krishi Sakhi is envisaged to create awareness and in turn build capacity of Mahila Kisan on agricultural activities and to facilitate aggregation and marketing of the agricultural produce. For sustainable agriculture based livelihoods at SHGs/household level, Krishi sakhi model has been developed by Mrs. Chandrakala, Block supervisor, TP, Dr.V.Govinda Gowda, Head, KVK. The resource person for the programme were from UAS, GKVK Bangalore, ARS, Hassan, PHC, Bidaregudi and KVK. Information regarding livelihood perspective, principles of skills and facilitation were dealt in the training. Agronomic practices, agro ecology, agri nutri garden, Soil health management, water management and plant protection measures, PRA activities were conducted towards the benefit of farmers. During the session Mrs. Vidyakumari, CEO, ZP, Tumkur, Mrs. Rajasulochana, Joint Director of Agriculture, Mr. Ashok, DDA from Tumkur visited KVK and interacted with participants. The training was attended by 30 farm women and they received the certificates



upon completion. This training is the second such batch being trained by KVK.

Poshan Abhiyan and Tree Plantation

- The KVK organized the "National Campaign on Poshan Abhiyan and Tree Plantation" programme on 17-09-2022 in association with IFFCO, Tiptur. Dr. Sumana T. M., Ayush Medical Officer, Ayush Hospital Konehalli, inaugurated and delivered the lecture on Food has Medicine and influence the audience to adopt good practices in food habits. Mrs. Rekha, director, Tiptur Farmer producer organization, Tiptur enlightened the audience regarding importance of nutritious food using home recipe. Mr. Arun Kumar, IFFCO, Tiptur addressed the importance of Nutrient Management in agricultural and horticultural crops and motivated them to practice and adopt application of nano urea in the farm fields. Dr. V. Govinda Gowda, Senior Scientist and Head, ICAR- krishi vigyan Kendra, Konehalli, Tiptur mentioned the importance and motto of organizing Poshan Abhiyan as National campaign and created Awareness on Nutri-garden, bio-fortified varieties, nutri-cereals and their role on human health in his presidential address. In this total 63 participants were distributed vegetable seed kit sponsored by IFFCO Limited. In this time Mr. Yogananda Murthy, progressive farmer, Tadsur village, Dr. Nagappa Desai, Dr. Satish, Dr. Tasmiya and Mr. Darshan were presented in the programme



KVK-TUMAKURU-II

Awareness cum training on Nutri-cereals

- The KVK organised an awareness cum Training on “Recent Developments in Nutri-Cereals” at Thovinakere, Koratagere Taluk, Tumakuru on 26.09.2022. Mr. Hemdore Raghu, Progressive farmer explained about the cultivation aspects of millets. Dr. Suresh, Head, Centre of Excellence, Nutri-Cereals, GKVK, Bengaluru delivered a lecture on the topic value addition on millets. Mrs. Keerthiprabha, DDM, NABARD, Tumakuru explained the credit and other facilities available in banks for agriculture. Dr. Loganandhan, Head, KVK explained prominence of millets in daily dietary. Mr. Ramesh.P.R, SMS (Soil Science) explained about importance of soil testing. About 200 farmers participated in the programme.

Training on Sandalwood Agro-forestry Model

- A One day training programme on Sandal Wood Agroforestry Model was organised by the KVK in collaboration with

IWST, Bengaluru at Baragur, Sira on 28-09-2022. The programme was welcomed by Shri Bhaskar, Director Mother NGO, Tumkuru. Dr.N.Loganandhan delivered the inaugural address. Dr. B.N.Diwakar Scientist (F) IWST, Bengaluru shared economic importance of sandalwood and Dr. N.V. Dorai Scientist (C) IWST, Bengaluru shared different sandalwood cultivation aspects and Shri K.N.Jagadish SMS, KVK and Shri B.N.Chandrasena, IWST, Bengaluru coordinated the programme. More than 125 farmers participated in the programme.



KVK-UDUPI



Training for Krishi Sakhi

The KVK accomplished the training Programme on “Agro Ecological Practices” (Module-1) for Community Resource Persons of Farm Livelihood (Krishi Sakhi) which was held from 12.09.2022 to 17.09.2022. The valedictory session was conducted on 17.09.2022. The training was organised in association with Government of Karnataka, Zilla Panchayath, Udupi, Sanjeevini- KSRLPS, Department of Skill Development, Entrepreneurship and Livelihoods. Shri. Babu M, KPAS (Senior Scale), Programme Director, Zilla Panchayath Udupi inaugurated the programme. In his inaugural speech, he explained



about the working role of Krishi Sakhi's at their panchayath level and appreciated the role of KVK in training Krishi Sakhi's in short period of time. He also said that they should conduct Krishi Study School at their village to train farmers about the available resources in agriculture department. Dr. Lakshmana, Associate Director of Research ZAHRS, Brahmavar presided over the meeting and opined that Krishi Sakhi's should actually involve in doubling of farmers income and work like extension functionaries. Dr. Sudheer Kamath K V, Principal, Agriculture Diploma College, Brahmavar, Shri. Prabhakar Achar, District Programme Co-ordinator, NRLM, Udupi were guests of the programme. Earlier, Dr. Dhananjaya B, Head, KVK welcomed the gathering and Dr. Sachin U S, Scientist (Plant Protection) coordinated the programme. Mr. Avinash District co-ordinator, NRLM Udupi proposed the vote of thanks. Certificates were provided to the farmers for accomplishing the training.



KVK-VIJAYAPURA-II

Poshan Abhiyan and Tree Plantation

The KVK organized the "National Campaign on Poshan Abhiyan and Tree Plantation" in collaboration with IFFCO, Vijayapura and Women and Child Development Department on 17.09.2022. Smt. Shilparani, welcomed all the guests and Anganwadi workers, farm men and women. Sri. Sangamesh Biradar, Assistant General Manager, IFFCO, Vijayapura spoke about use of fertilizers at critical stage of the crop and requested to utilize the vegetable seeds given by IFFCO and grow them in their backyard. Smt. Savita S. Patil urged the importance of carbohydrate, protein and fats in their diet and requested to have balanced food for good health. A technical session was conducted in which awareness on nutri-garden and bio-fortified varieties by Dr. Savita B. Scientist (Soil Science) and lecture on Interaction of goat milk for human health was delivered by Dr. Santosh Shinde, Scientist (Animal Science). An exhibition on vegetables, fruits, eggs, dry fruits, milk, curd, sprouted greengram seeds, cereal and pulse sam-



ples were arranged. The vegetable seed kits were distributed to all participants. The dignitaries planted a tree sapling in KVK Campus. In this programme about 60 members participated and the programme ended with a vote of thanks by Mr. Ma-jeed G., Technical Officer (Computer).



KVK-WAYANAD



Training on Bio-control agents

- The KVK conducted one day training programme on “Familiarization of biocontrol agents, biofertilizers, biopesticides (Entomopathogens) and organic preparations” for the farmers/members of the FPO-TABCO, Kattikulam which promotes organic farming. Farmers solely depend-



ing on organic preparations and bio control agents for crop protection actively participated in the training. Farmers were introduced with new technologies like use and application of liquid Pseudomonas and Trichocake. There was an active participation of farmers during the session on preparation of organic formulations being demonstrated.

Training on Value added products in Mushroom

- The KVK in collaboration with Farmer Training Centre Vengeri, Calicut conducted one day training programme on Nutritional aspects and value addition of mushrooms. Various value added products of mushrooms were demonstrated. Dr. Safia N.E, Head, KVK led the sessions. The training was attended by 40 farmers.



KVK-YADGIR



Poshan Abhiyan and Tree Plantation

- The KVK organised Poshan Abhiyan at Kannalli Village, Shorapur taluk on 17.09.2022 in collaboration with Health department and IFFCO Pvt. Ltd. The programme was inaugurated by Dr. Jaiprakash Narayan R.P. Senior Scientist and Head of ICAR-KVK, Yadgir briefed about the Poshan Abhiyan programme, role of Kitchen garden and fruits and vegetables in human diet, benefits and nutritional importance of Nutrigarden, importance of healthy foods and health tips to combat malnutrition. In the programme Dr. Siddu Nayamagouda, Medical Officer, Shorapur explained about the various government schemes of malnutrition. Dr. Umesh Barikara, Scientist of Soil and Water Engineering briefed about the soil health and water management and Dr. Kotresh Prasad, Scientist of Animal Science explained about the role of milk and meat nutritional aspects. As part of the programme about 300 saplings (mango, curry leaf & drumstick) were distributed to the participants. About 135

- participants were benefited from this event.
- In collaboration with MYRADA, Yadgir the KVK organised two days training programme on Poultry and Sheep and Goat entrepreneurship. Dr. Kotresh Prasad (Animal Science) delivered lecture on Sheep and Goat Management and economical feeding of small ruminants. Dr. Umesh Barikar (Soil and Water Engineering) delivered a lecture on importance of soil health and climate change. The MYRADA will provide goats and birds to selected women's. Under this initiative, 182 SHG women of Yadgir taluk will be benefitted.



Training for Krishi Sakhi

Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvakk, Shivamogga, Indian Council of Agricultural Research, New Delhi, I.C.A.R.- Krishi Vigyan Kendra, Brahmavara, Udupi Dist in association with Government of Karnataka, Zilla Panchayath, Udupi, Sanjeevini- K. S. R. L. P. S. , Department of Skill Development, Entrepreneurship and Livelihoods has organized Training Programme on “Agro Ecological Practices” (Module-1) for Community Resource Persons of Farm Livelihood (Krishi Sakhi) at I.C.A.R.- Krishi Vigyan Kendra, Brahmavar, Udupi Dist from 12.09.2022 to 17.09.2022. The Valedictory function was conducted on 17.09.2022. Shri. Babu M, KPAS (Senior Scale), Programme Director, Zilla Panchayath Udupi inaugurated the programme. In his inau-



gural speech, he explained about the working role of Krishi Sakhi's at their panchayath level and appreciated the role of KVK in training Krishi Sakhi's in short period of time. He also said that they should conduct Krishi Study School at their village to train farmers about the available resources in agriculture department. Dr. Lakshmana, Associate Director of Research ZAHRS, Brahmavar was president of the function. He opined that, Krishi Sakhi's should actually involve in doubling of farmers income and work as like between farmers and agriculture department. Dr. Sudheer Kamath K V, Principal, Agriculture Diploma College, Brahmavar, Shri. Prabhakar Achar, District Pprogramme Co-ordinator, NRLM, Udupi were chief guests of the programme. Dr. Dhananjaya B, Senior Scientist & Head, KVK Brahmavar welcomed the dignitaries and other gatherings. Dr. Sachin U S, Scientist (Plant Protection) coordinated the programme. Mr. Avinash District co-ordinator, NRLM Udupi gave vote of thanks. During the programme certificates were distributed to the trainees.



gural speech, he explained about the working role of Krishi Sakhi's at their panchayath level and appreciated the role of KVK in training Krishi Sakhi's in short period of time. He also said that they should conduct Krishi Study School at their village to train farmers about the available resources in agriculture department. Dr. Lakshmana, Associate Director of Research ZAHRS, Brahm-





ABOUT LAKSHADWEEP ISLANDS

(LISTEN TO THE SOUND OF SILENCE)

It is true saying that “listen to the sound of silence” if you experience Lakshadweep islands. It is a paradise comprising a group of 36 islands which is known for its pristine beaches and lush green landscape. The name Lakshadweep roots are from Malayalam and Sanskrit means ‘a hundred thousand islands’. The country’s smallest Union Territory, Lakshadweep is an archipelago consisting of 36 islands with an area of 32 sq km. Amongst the 36 islands only 10 are inhabited with a population of 65,000. Each island is far from each other and can be reached through boats/speed vessels. Lakshadweep comprises of 12 atolls, three reefs, five submerged banks and covered with flora and fauna. The capital of Lakshadweep is Kavaratti. All Islands are 220 to 440 km away from Kochi in Kerala. The natural landscapes, the pristine beaches, abundance of flora and fauna, especially the coconut grooves and away from the busy world augment the appeal of Lakshadweep. The inhabited 10 islands are Agatti, Amini, Andrott, Bitra, Chetlat, Kadmat, Kalpeni, Kavaratti, Kiltan and Minicoy.

The climate of Kerala prevails in Lakshadweep which is tropical with an average temperature of 27-32OC. April and May are the hottest months. Generally, the climate is humid warm and pleasant. During monsoon the inter-island boats/high speed vessel operations are closed from 15 May to 15 September every year. Late October to March is the ideal time for the tourism in the islands. During the months of June to October the South West Monsoon is active with an average rainfall of 10-40 mm with a relative humidity of 70-75%. Annual rainfall decreases from South to North. On an average, 80-90 days a year are rainy in the islands. Winds are light to moderate from October to March.

Coconut and fish are the major agriculture products of the island. There are 10 crores coconut grooves cultivated organically. The island banned any entry of chemicals since 2005 and by default agriculture operations are organic. The prominent fishery in the island is tuna and other lagoon fishes. Value added products of coconut and fish are the agri based enterprises in the islands. The island depends upon the mainland for all other commercial and to day items required for leading life. These essential items are transported from mainland through cargo boats.