

KVK TIMES

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

March 01-15, 2023 Volume 01 | Issue 41



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EDITORIAL

Published By

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Director, ICAR-ATARI, Zone XI, Bengaluru

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Principal Scientist & Nodal Officer

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UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

Dr. S. V. SURESHA
Vice-Chancellor

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MESSAGE

Krishi Vigyan Kendras play an important role in transferring need and situation based technologies developed by SAU's/ ICAR institutes to the farming community of the respective district. KVKs take lead role in capacity building of farmers, farm women, rural youth and other stake holders. They function as knowledge and resource center at district level for addressing the location specific problem of farmers in agriculture and allied sectors. The interventions of KVKs with their multi-disciplinary team of scientists is highly commendable and should be recorded for future reference. The utmost need is to have the information about the activities of all the KVKs at one place and requires timely updating.

With an aim to achieve this, the idea of bringing a fortnightly e-newsletter in the name of "KVK Times" by ATARI Zone - XI is much appreciated. This helps in documentation of KVK activities and will reach to all stakeholders. In addition to documenting activities, it aids in exchange of the ideas among KVKs and motivates KVK fraternity to work in coordination.

In this regard, the efforts of KVK, Tumkur in bringing out the 41st issue of "KVK TIMES" during the first fortnight of March 2023 and the support rendered by the Director of Extension, UAS, Bangalore and Director, ATARI Zone- XI, Hebbal, Bangalore are duly appreciated and acknowledged.

My best wishes are with all KVKs of Zone XI and ICAR-ATARI, Zone XI for their constant effort towards effective diffusion of technologies to farming community and for providing the inputs to researchers in developing need based technology development.

(S. V. Suresha)



UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE
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Dr. K. Narayana Gowda
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Prelude

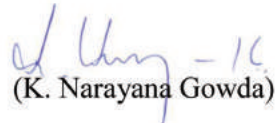
Scientific transformation of agriculture is an important prerequisite for rural development which has come a long way in India since Independence. During the period several organized efforts have been made to disseminate the agricultural technologies to the farmer in particular and rural community in general. Among all, contribution of Farm Science Centre's are much appreciated as these being pillars of frontline extension and a supportive system for organizing field level outreach activities. These centres are playing an important role in reaching the unreached in terms of technology dissemination, conducting trainings and providing farm advisory services.

Each KVK is unique in its capabilities, innovative approaches adopted, farming system models developed and impact brought to its stakeholders in the district. There is a need for updation and documentation of such milestone achievements of all the KVKs periodically.

Innovative programmes and activities of different KVKs are worth sharing with other stakeholders for cross learning. KVK times is a fortnightly e-newsletter to throw light on the unique achievements and success stories among KVK family.

With this, I appreciate the efforts of the Senior Scientist & Head of ICAR-KVK, Tumkur-I and his team in bringing out fortnightly e-news letter during first fortnight of March, 2023.

I wish them for future endeavours.


(K. Narayana Gowda)

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डॉ.वी.वेंकटसुब्रमण्यन

Director

निदेशक



Foreword

Agriculture, with its allied sector is unquestionably the largest livelihood provider in India, more so in the vast rural area. Krishi Vigyan Kendras thus, continuously work for the betterment of farming community through effective transfer of technology. KVKs are assisting farmers, rural youth and the extension personnel to address the challenges through Innovations in technology interventions and approaches.

The publication "KVK Times" provides the highlights of work carried out by the KVKs across the zone and serves as a platform of cross learning. The "KVK Times" is the mirror of achievements of ICAR-ATARI (Zone- XI), Bengaluru & its 48 KVKs.

I acknowledge with thanks the support extended by Dr. S. V. Suresha, Vice Chancellor and Dr. K. Narayana Gowda, Director of Extension to the KVKs of University of Agricultural Sciences, Bengaluru. I appreciate and congratulate Dr. V. Govinda Gowda, Senior Scientist & Head and his Team KVK Tumkur-I for the meticulous effort put into compiling the activities and bringing out the 41st issue of "KVK Times" in the present form with unique style of presentation of the worthy content.

Bengaluru
14 March 2023

(V. Venkatasubramanian)

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It is a matter of great privilege and pride to express our sincere thanks to Dr. S.V. Suresha Hon'ble Vice-Chancellor, UAS, GKVK, Bengaluru, Dr. Narayana Gowda K., Director of Extension, UAS, GKVK, Bengaluru and Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Zone-XI, Bengaluru for their constant support, guidance and encouragement to bring out the 41st issue of KVK times of Zone-XI for this fortnight from 1-15th of March 2023.

I would like to extend my professional gratitude to Dr. M. J. Chandre Gowda, Principal Scientist and Nodal officer of our KVK for his all support and guidance in effective functioning of KVK.

I also thank all the principal Scientists, Scientists and staff of ICAR-ATARI, Zone-XI, Bengaluru for their constant support to move our KVK to a greater heights.

I wish to place on regard and sincere thanks to all my fellow scientists and colleagues of KVK family for their sustained efforts in sharing the information in time which helped us to compile the KVK times for the first fortnight of March-2023.

I profusely thank all scientists and staff of my KVK for their support in compiling the KVK times and offering valuable suggestions to bring out this issue in a befitting manner.

Senior Scientist and Head
ICAR-KVK, Tumakuru-I



TUMAKURU



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ICAR-KVK, ALAPPUZHA

Mushroom Spawn Production Unit and DAESI programme (2022-23) inaugurated



Mushroom spawn production unit at KVK-Alappuzha with funding support from State Horticulture Mission (Kerala) and Diploma in Agricultural Extension Services for Input Dealers (DAESI) programme (2022-23) were inaugurated by Sri. P. Prasad, Hon. Minister for Agriculture, Govt. of Kerala on 3rd March, 2023. In his inaugural address he emphasised on the importance of proper packing, labelling and branding of value added food products with unique names so as to have adequate possibilities for marketing and exporting and he also announced the

initiation of online marketing of value added agricultural products from farmers entrepreneurs, SHGs, and FPOs of Kerala in the brand 'Keral Agro' coordinated by the state government. He also announced the "Mushroom Village" programme to be implemented by Govt. of Kerala for the promotion of mushroom production and employment generation. On this occasion a spicy health drink, "Mirchy's magic", prepared from banana pseudostem, gooseberry and ball chilly with technical and incubation support from the KVK was also launched. Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru in his presidential address highlighted the importance of indigenous foods over the new generation food products and the richness of the country in terms of its diversity and stability in food production. Dr. P. Muralidharan, Head, KVK welcomed the gathering consisting of Scientists from CPCRI, State Dept officials, People's representatives, Mushroom entrepreneurs, input dealers registered for the DAESI programme and staff members. A small exhibition highlighting different aspects of mushroom production and value addition was also arranged in which the Minister interacted with the entrepreneurs.

ICAR-KVK, BAGALKOTE

Field visit and Diagnostic field visits by KVK Bagalkote Scientist



Dr. Sudha S Scientist (Plant Pathology) and Dr. Airadevi P Angadi Scientist (Horticulture) visited OFT plot to assess the management practices for head blight in wheat at Andinni village and also to assess the management practices for bacterial blight in pomegranate a Sokkanadagi village on 04-02-2023 and also diagnostic field visit has been taken up on wheat rust and maize fall army worm and recommended management practices for rust disease and pest as per recommendations of UAS, Dharwad package of practice.

Krishi Pandit Award



Along with a team of JDA, ADAs of Department of Agriculture, Bagalkote Dr. Dinesh Kumar S P, Scientist (Agronomy), KVK Bagalkote visited Belagavi District, to select the farmers for Krishi Pandit Award from 02.03.2023 to 04.03.2023.





International Women's Day program:



ICAR-KVK Bagalkote celebrated International Women's Day program on 08.03.2022. Dr. Mouneshwari Kammar, Former Senior Scientist and Head, inaugurated the program by watering the plant and delivered lecture to all farm women about importance of women's day and her role in building a healthy society, Dr. Airadevi Angadi, Former Scientist (Horticulture), delivered lecture on Empowerment of women through Agriculture Entrepreneurship. Dr. Dinesh Kumar S P, Scientist (Agronomy) in his presidential speech expressed role of

Women in Agriculture. Mr. Siddappa Angadi, Sr. Technical Officer anchored the programme and other Scientists of KVK Bagalkote were present on the occasion.

ICAR-KVK, BALLARI

Celebration of International Women's day at ICAR-KVK, Ballari



ICAR - KVK, Ballari and Department of Agriculture, Ballari jointly observed International Women's Day on March 8, 2023. Professor of General Medicine Dr.Umamaheshwari, VIMS Medical College, Ballari has given talk on women's health and hygiene. The farm women were instructed on the significance of nutrition and diet for women's health by Dr. Shilpa H., Scientist (Home science) of KVK Ballari. Dr. Ramesh B. K., Senior Scientist and Head of ICAR, KVK-Ballari, discussed the significance of consuming dairy and meat products for maintaining good health. Additionally,

he has emphasized the political, cultural, economic, and social accomplishments of women as well as gender equality. Speaking to the women about livelihood security and income-generating activities. Shri Mallikarjuna, Joint Director of Agriculture briefed about the women friendly schemes from his department. The emphasis of Shri. Kengeowda, Deputy Director of Agriculture, was on the value and role and importance of women in agriculture. Progressive farm women of the district were honored during the occasion. A total of 60 farm women from different talukas of the district took part in the celebration.

ICAR-KVK, Ballari conducted Workshop on Secondary agriculture



A work shop was held at ICAR - KVK, Hagari, Ballari on March 10, 2023, in collaboration with the Department of Agriculture, Ballari with the goal of educating and giving awareness to SHGs and FPOs on the scope of secondary agriculture to achieve sustainability in agriculture. In this regard, for the benefit of the farmers, officials from all the developmental departments viz., state department of agriculture, fisheries, industries, horticulture and veterinary sciences have participated in the event and shared related information about the secondary

agriculture, assistance programmes available in their respective departments. In her speech, Dr. Shilpa H., Scientist (Home Science) of KVK, Ballari, focused on the opportunities and potential for processing and value addition in India as well as the crops cultivated in the region and the methods for processing them. A total of 56 farmers participated in the workshop.



ICAR- KVK, BELAGAVI-I

Method Demonstration on Bunch Feeding In Banana At Kaithnal Village



A Method Demonstration on Bunch Feeding in Banana was conducted by Shri. P. M. Patil, Scientist (Horticulture) and Dr. D. A. Mhetre, Senior Scientist and Head from ICAR BIRDS KVK, Belagavi - 1, at Kaithnal village in Gokak taluka to address the problems like low bunch weight due to small fingers in Banana. This method demonstration was carried under the FLD on Integrated Nutrient Management in Banana at Kaithnal village farmers plots at de-navelling stage. The bunch feeding by De - navelling and post - shooting feeding of N, K and S through the distal stalk-end

technology of Banana enhancing the size of fingers in the bunch to suit the market demands and improves successful development of rachis. Method demonstration was conducted in Shri Balesh Jannakatti FLD Farmer plots with banana farmers and 20 banana plants are de- navelled and tied with bunch feeding mixture.

ICAR- KLE KVK, BELAGAVI-II

International Women's Day



ICAR - KLE Krishi Vigyan Kendra, Mattikopp organized International Women's Day at KVK Campus on 08.03.2023. The programme was inaugurated by Smt. Jayashree, Paripoorna NGO, Dharwad. Inaugurating the programme she urged women not to limit themselves for taking loans and utilizing it for routine household purpose, instead use it for establishing small scale business to empower themselves for their livelihood security. Mrs. Sridevi B. Angadi, Senior Scientist and Head addressed the women gathering on establishment of small scale units of

processing as there is a ample scope for establishing oil processing unit, dhal processing unit, vermicelli unit, establishment of Agarbatti and camphor making unit, file making etc based on their interest. PMFME Scheme supports such individuals by giving subsidy for establishment of enterprise. During the event all the KVK Scientists were present

Agriculture Workshop on Petroleum Conservation Research Association (PCRA)



Agriculture Workshops on Petroleum Conservation Research Association (PCRA) was organized in 8 different villages by involving 258 farmers to create awareness on the fuel saving methods in their day to day agriculture works mainly by reducing fuel consumption by tractors. KVK Scientists explained different ways to minimize the fuel consumptions like use of proper gear corresponding to the speed and load, checking leakage in fuel pipes, use of threaded tyre etc. Other fuel savings in houses by using solar powered bulbs and other electronics. After the

workshop, feedback from farmers was also collected.



ICAR- KVK, BIDAR

Capacity Building Programme on Scientific Goat Farming



Goats are among the main meat-producing animals in India, whose meat (chevon) is one of the choicest meats and has huge domestic demand. Due to its good economic prospects, goat rearing under intensive and semi-intensive system for commercial production has been gaining momentum for the past couple of years. High demand for goat and its products with potential of good economic returns have been deriving many progressive farmers, professionals and educated youths to take up the goat enterprise on a commercial scale. The emerging

favorable market conditions and easy accessibility to improved goat technologies are also catching the attention of entrepreneurs.

In this regard ICAR Krishi Vigyan Kendra, Bidar conducted 3 days Vocational training programme on "Scientific Goat Farming" for enhancing productivity and income generation from 27-02-2022 to 01-03-2023. Dr. Narasappa, Deputy Director, Animal Husbandry and Veterinary Services, Bidar, inaugurated the programme by watering plant and in his inaugural address he briefed about various schemes, insurance and importance of vaccination in goats. Dr. Akshaykumar, Scientist (Animal science) briefed about the 3 days vocational capacity building programme in detail and Scientists from KVAFSU and Department officials took the classes for the participants of training programme. Dr. Sunil Kumar N.M., Senior Scientist and Head of ICAR KVK - Bidar chaired the programme and briefed about the KVK activities, facilities available at KVK. During the 3 days capacity building program, farmers were briefed about the scientific goat farming, identification and treatment of various diseases, breeding management and multiplier flock concept, management of kids and pregnant ones, feeding concepts and fodder requirements. The exposure visit was also organized to KVK demonstration units. A lecture on feed and disease management was also arranged from the KVK Techno farmer Sri. Vinod Muthanna, Sindabandagi Village. A team of scientists and Technical staff such as Dr. Akshaykumar, Dr. Ningadalli Mallikarajun, Sri Siddhu Manige, Rakesh and Mallikarajun Kodamabal coordinated the entire program. A total of 65 farmers, including 07 women farmers attended the program and got benefitted.

ICAR- KVK, CHAMARAJANAGARA

International Women's day-2023, ICAR KVK Chamarajanagara



The International Women's day was celebrated in collaboration with Samashti Integrated Development Trust, NGO, Chamarajanagara at ICAR KVK Chamarajanagara on 8th March, 2023 with the theme DigitALL: Innovation and Technology for gender equality. The programme was inaugurated by Mrs. Poornima N., Executive Officer, Taluk Panchayath, Chamarajanagara and Dr. C. Doreswamy, Special Officer, College of Agriculture, Chamarajanagara. In the programme, Dr. Shruthi M. K., Scientist (Agronomy), Dr. Deepa J., Scientist (Home Science),

Ms. Supriya N. S., Scientist (Agril. Ext) and Mrs. Tejaswini, progressive farm women, Mr. Ganghadhar, Executive officer, Samashti Integrated Development Trust, were present as guests and Dr. Mohan Kumar A. B., Scientist (Horticulture) presided over the programme.





Mrs. Poornima N explained briefly the significance of the day, that has provided an opportunity to celebrate women's achievements, raise awareness about gender inequality and advocate for greater gender equality and women's rights and she also urged the participants to focus on diverse fields for their development. Dr. C. Doreswamy, highlighted the role of women in agriculture and its allied sectors in strengthening the society. Mrs. Tejaswini, progressive farm women, shared her experience in agriculture among the participants and called upon to focus more on group oriented activities and entrepreneurship development. Dr. Mohan Kumar A. B., stressed upon the self employment opportunities which is one of the tool for women empowerment. As a part of the programme, preparation of value added products from millets was demonstrated to the participants. Totally, 41 women participated in the programme.

ICAR- KVK, CHIKKABALLAPURA

International women's day programme at ICAR- KVK, Chikkaballapura



Krishi Vigyan Kendra, Chintamani in collaboration with Department of Agriculture, Chikkaballapura organized International women's day programme at District Agriculture Training Centre, Kagathi, Chintamani on 08.03.2023. Dr. Javeeda Naseema Khanum, Joint Director of Agriculture along with other dignitaries inaugurated the programme. Further farmer scientist interaction programme was organized. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) highlighted on role of women in agriculture and emphasized on promotion of Value

addition for enhancing the family income. Method demonstration on preparation of Ragi laddu and Groundnut chikki was carried out. Farm women excelled in the field of agriculture were felicitated during the programme. 185 Farm women participated in the programme.

One day training programme



In order to reduce the drudgery in agriculture, one day training programme was organized by ICAR - KVK, Chikkaballapura on 08.03.2023 at Yerraganapalli village of Bagepalli taluk, Chikkaballapura district under SCSP programme. Implements like cycle weeder, hand weeder, sickle and spade were distributed to 50 farmers during the programme.

Participation of KVK Scientist in training programme



Dr. Tanweer Ahmed, Scientist (Agril. Extension) participated as resource person in Entrepreneurship Skill Development Programme and Bio fuel production sponsored by Ministry of micro, small and medium enterprises, GoI organized at College of Sericulture, Chintamani on 06.03.2023 and delivered lecture on Entrepreneurship opportunities in agriculture and allied activities





Field day on use of nano urea



Field day on use of nano urea on growth and yield of maize was organized at Chokkampalli village of Bagepalli taluk on 11.03.2023. Dr. Sandhya, Scientist (Soil Science) explained about use of nano urea on growth and yield of maize. Dr. Praveenakumar, Scientist (Horticulture) explained about integrated crop management in Maize. 30 farmers participated in the programme.

Training and awareness programme on BEE star labelled energy efficient pump sets and water conservation



ICAR KVK, Chintamani, Chikkaballapura in association with Bureau of Energy Efficiency (BEE) and Karnataka Renewable Energy Development Limited (KREDL) organized training and awareness programme on BEE star labelled energy efficient pump sets and water conservation on 09.03.2023. Dr. Papireddy, Senior Scientist and Head along with dignitaries inaugurated the programme. Mr. Vishwanath, Scientist (Agronomy) gave a lecture on water conservation in agriculture, Dr. Rudre Gowda, Asst. professor Dept. of Agricultural Engineering

explained about energy efficient pump sets, Dr. Tanweer Ahmed, Scientist (Agricultural Extension) highlighted about simple techniques for power saving and energy conservation. Dr. Papireddy, Senior Scientist and Head, explained about different water conservation structures and their importance and Dr. Dilip, Subject Matter Specialist (Agril. Extension), EEU, Kolar explained about improved irrigation practices for water conservation. Folder on Energy Efficient pump sets and water conservation was released during the programme. 105 participants participated in the programme.

ICAR- KVK, CHIKKAMAGALURU

Inauguration of 25 days Skill training on Honey Bee farmers



ICAR, Krishi Vigyan Kendra, Chikkamagaluru, organized 25-day skill training program for honey bee farmers in collaboration with the Agriculture Skill Council of India, New Delhi, on March 8, 2023, at KVK, Chikkamagaluru. Dr. Krishnamurthy, A. T., Senior Scientist and Head, KVK, Chikkamagaluru, in his introductory speech said that this 25 day skill training program on Bee keeping is very important and one can learn the beekeeping operations, the optimization of resource utilization, and also waste management. Dr. Girish R, Scientist (Plant Protection),

KVK, Chikkamagaluru, briefed that honey bee farmers are responsible for carrying out beekeeping operations, which include preparing for and setting up beehives, procuring and introducing bees into hives, and maintaining the bees and beehives, harvesting, processing, marketing honey etc. During this program, Dr. Shivaprasad, ADE, ZAHRS, Mudigere presided over the





programme and in his presidential remarks briefed that a skill training program for honey bee farmers enhances the quality of beekeeping operations, procurement and the introduction of bees in hives. Total 20 Honey bee farmers registered for skill training programme and attended the inauguration programme.

International Women's Day



ICAR, Krishi Vigyan Kendra, Chikkamagaluru organized International Women's Day program on 8th March at G. Hosahalli village of Mudigere taluk, Chikkamagaluru district. On this special day, Dr. A.T. Krishnamurthy, Senior scientist and Head, KVK, Chikkamagaluru briefed that, International Women's Day is dedicated to recognizing and honouring the women achievers in the field of social, economic, cultural and political fields and also to encourage the self - entrepreneurship among women. Further advised them to make utilize of the trainings and capacity development programmes being organized by the KVK for the benefit of farming communities.

Dr. Satish N, Scientist (Home Science), KVK, Chikkamagaluru, in his speech said that, the first International Women's Day was started on March 8, 1977. The purpose of International Women's Day is to uphold gender equality, with greater emphasis on women's empowerment. On this day, women achievers who have achieved in agriculture, social, economic, and political and in various fields should be encouraged by honouring and respecting them. Mrs. Sudhamani, Member, Gram Panchayat, Gonibeedu and Mrs. Sudha, Anganwadi Teacher, Gonibeedu were felicitated on the occasion. During this programme total 49 farm women participated.

ICAR- KVK, CHITRADURGA

Celebration of International Women's Day



A programme on International women's day was organized on 08-03-2023 at ICAR-KVK, Chitradurga. The programme was inaugurated by the Chief guest Dr. Champa, Specialist Doctor, Government Ayurvedic Hospital, Hiriyur by pouring the water to the seedling. During her inaugural speech she discussed about the importance of education for girls. Women take care of the health of entire family members, it is very important for her to have a better knowledge on health aspects. She also briefed about the major health issues faced by

women from the time of birth up to the old age. The major health problems include the Physical, Mental, Emotional and Spiritual health of women. When all the four are in balance it will lead to improved health and risk bearing ability of women. Societies where women and men are relatively equal in status, economies grow faster and the health and well-being of everyone, men, women and children improves.

Dr. Sharanappa Jangandi, Associate Director of Research, ZAHRS was present as the Guest during the programme and during his speech he discussed about importance of Mother in everyone's life. She sacrifices many things throughout her life for the betterment of her children and family. He also suggested that every one of us should take care of their mother in a better way throughout her life. Dr. O. Kumara, Senior Scientist and Head, KVK, presided over the programme. During his presidential address he discussed about the gender equality, ratio of males and female. He also briefed





about how successful the women are in various fields. The number of girl students in schools and colleges are increasing than the boys, which is a positive sign. In any society the women's role is very prominent, women have to move forward with lot of courage to achieve success. At the same time they have to take care of their health. Around 38 farm women from various villages of Hiriyur taluk participated in the programme and Dr. Preethi, Scientist(Agri. Extension) delivered welcome speech, Dr. Saraswathi, Scientist (Home Science) briefed about the Women's day programme and Mrs. Geetha Kumari, Programme Assistant, hosted the programme as well as extended vote of thanks.

Zonal monitoring committee visited to NICRA Village



Zonal monitoring committee visited ICAR -Krishi Vigyan Kendra Chitradurga and NICRA Village "Yalagatta" on 11th March, 2023 under the Chairmanship of Dr. D. M.Hegde, Former Director, DOR, Hyderabad, Dr. D. V. Srinivasa Reddy, Nodal officer, ICAR - ATARI, Bengaluru as Vice Chairman, Dr. Narayana Swamy, Former Principal Scientist of IIHR, Bengaluru, Dr. G. Venkatesh, Principal Scientist of ICAR-CRIDA, Hyderabad and Dr. S U Patil, ADE, KNUAHS, Shivamogga as members. Dr. Prakash Kerure, Scientist (Horticulture), KVK Chitradurga welcomed Zonal

monitoring committee members and staff for the meeting.

Dr. O. Kumara, Senior Scientist and Head ,KVK Chitradurga presented the brief activities carried out in NICRA project at Yalagatta village, Challakere Taluk, Chitradurga district and also visited important interventions like Custom Hiring Centre, Dry land Horticulture blocks, NRM activities and also interacted with VCRMC members of NICRA village.

ICAR- KVK, DAKSHINA KANNADA

Capacity development programme for Community Resource Persons of Farm Livelihood (Krishi Sakhis)



ICAR - KVK Dakshina Kannada, Mangaluru organized capacity development programme for first batch of Community Resource Persons of Farm Livelihood (Krishi Sakhis) from 06.03.2023 to 11.03.2023. The programme was organized in association with SANJEEVINI- KSRLPS, Department of Skill Development, Entrepreneurship and Livelihoods, Government of Karnataka, Zilla Panchayath, Dakshina Kannada. Shri. Lokesh, Education Officer, Zilla Panchayath, Dakshina Kannada inaugurated the programme and explained about the role of Krishi Sakhi's

at panchayath level and appreciated the role of KVK in training Krishi Sakhis. Dr. T. J. Ramesha, Senior Scientist and Head, presided over the programme and opined that Krishi Sakhis should play pivotal role in doubling of farmers income and serve as extension functionaries. Dr. Naveen Kamath B. T., programme organizer and Scientist (Agronomy) coordinated the programme. Mr. Hariprasad Gowda, District Programme Manager, Mr. Ashoka, Taluk Manager, staff from zilla panchayath, staff from KVK, Dakshina Kannada were present.





Assistance to SC Farmers by providing agrinputs under SCSP Programme



The ICAR - Krishi Vigyan Kendra, Dakshina Kannada implemented the SCSP Scheme 2022 - 2023 in collaboration with ICAR - Directorate of Cashew Research, Puttur by providing brush cutter to 15 Scheduled Caste Beneficiary farmers. The beneficiaries were selected from Pudevettu village of Belthangadi Taluk, Dakshina Kannada district, a adopted village of ICAR - Krishi Vigyan Kendra, Dakshina Kannada for SCSP programme implementation. The programme was conducted on 10th March 2023 on the Occasion of Cashew

Day celebration at ICAR-DCR, Puttur. Dr. Shivakumar, R., Assistant Professor and SCSP Co-ordinator, ICAR-KVK Dakshina Kannada Co-ordinated the program, during this program Dr. J. D. Adiga, Director, ICAR-DCR, Puttur, Dr. T. J. Ramesha, Senior Scientist and Head, ICAR-KVK, Dakshina Kannada and Dr. G. N. Manjesh, Scientist and SCSP Co-ordinator, ICAR-DCR, Puttur were present.

ICAR - TARALABALU KVK, DAVANAGERE

Celebration of International Women's Day



International Women's Day was celebrated at ICAR-Taralabalu Krishi Vigyan Kendra with theme of "DigitAll : Innovation and technology for gender equality". 45 women from SHG of Davanagere participated in the program. Mr. Raghuraja J, SMS (Agri. Extension) addressing the women group said that many people have fought for women's equality since pre independence. Now time has come to give equal opportunity for women in fields of culture, education and employment. Mr. Basavanagowda M. G., SMS (Horticulture) said that

women can grow vegetable in kitchen garden which gives pesticide free vegetable inturn provide healthy life. Mr. Mallikarjuna B. O., SMS (Agronomy) explained about the significance of minor millets and their value addition. Dr. Avinash T. G., SMS (Plant Protection) threw light on role of 'Swachhata Hi Sewa' in creating clean India. On the occasion, Smt. Hanumakka, Assistant of KVK was felicitated. Mr. Shivanna Itagi, President, Nitturu Taralabalu Amrith HFPO was the Chief Guest and all the staff of KVK participated in the program.

Demonstration of Drone Spraying in Paddy



Training cum method demonstration of Drone spraying in paddy was organized by ICAR -TKVK In association with Hirekogalur Taralabalu AFPCI at Venkateshwara camp. The program was inaugurated by Dr. Devaraja T.N., Senior Scientist and Head and in his inaugural speech explained that farmers should go with new technologies which are suitable to our farming. Dr. Naveen, Scientist, KVK, Udupi explained in detail the technology of drone and its method of spraying. Mr. Mallikarjuna B.O, SMS (Agronomy) explained the importance spraying of NANO urea in paddy after 30 DAS.





ICAR- KVK, DHARWAD

Sponsored/ vocational training on “Scientific Beekeeping”



Beekeeping is emerging as a very successful agricultural entrepreneurial activity for local people in rural areas. The practice of beekeeping have intrinsic health benefits through providing a food source of great nutritional value which is lacking in rural areas. In this context, a vocational training on “Scientific Beekeeping” sponsored by STRY, MANAGE, Hyderabad was organized by ICAR - KVK, Dharwad from 28.02.2023 to 06.03.2023 at ICAR-KVK, Dharwad to motivate the rural youth for taking beekeeping as profession and hobby. Various topics of

beekeeping like history of beekeeping, different species of honeybees, lifecycle, role in pollination of agriculture and horticulture crops to enhance the yield, collection, processing and value addition, management of natural enemies of honey bees, bee keeping as a subsidiary enterprise etc., were covered during the programme. Exposure visit was arranged to Madhuvana of Horticulture Department in Alnavar hobli, and also successive beekeeper Mr. Veeresh, Dharwad's field at Honnapur village of Dharwad taluka to provide first hand experience. The bee keepers were also invited to share their experiences with the participants. Smt. Geeta S. Tamgale, Scientist (Home Science) of ICAR-KVK, Dharwad co-ordinated the programme. About 15 trainees from various districts of Karnataka participated in the training.

Awareness programme on Natural Farming



A awareness programme on Natural Farming was organized at ICAR -KVK, Dharwad for farmers and farm women of Muttagi and Dummawada villages of Kalaghatagi taluka on 06.03.2023. During the programme, Dr. Prasanna Kumar B. H., Scientist (Agronomy) provided the information on natural farming, preparation of Jeevamruta, Ghanajeevamruta, Beejamruta and Gokrupamruta and conducted method demonstration on Jeevamruta preparation. About 26 farmers participated in the demonstration.

ICAR- KVK, ERNAKULAM

Farmer Scientist Interface Programme at Block level Kissan mela



KVK Experts conducted farmer scientist interface programme as part of the block level Kissan mela conducted at Neericode Service cooperative bank premises on 4th March, 2023. Shri. P. Rajeeve, Minister for Industries, Law and Coir, Government of Kerala inaugurated the programme. KVK experts answered the queries raised by farmers in Agriculture, Animal husbandry and fisheries. Block panchayat president Mrs. Remya Thomas, President Alangad grama panchayat Shri P M Manaf, ADA Alangad Shri Raju P N,

Agriculture officers of Alangad, Karumallur, Kadungallur, Eloor and Varappuzha participated in the programme. There were stalls by various farmers groups, SHGs and agro service centres, agri clinics, soil testing labs and ecoshops as part of the exhibition.





Farmer Field School on "Seed Production of tuber crops and spices"



KVK Ernakulam started the farmers field school at the vocational training centre of Chavara Special school, Koonammavu on 14th March, 2023. The Krishi group registered by the parent teacher association has started effectively utilizing the 1.5 acre fallow land owned by the vocational training centre for seed production of tuber crops and spices. Sree Padma elephant foot yam of CTCRI, Ginger varada and Turmeric Pragati and Pratibha was planted in this unit as part of FFS. Continuous technology support for this seed production programme will be rendered by KVK. Manager of the school Sr. Merrin, Prarthana foundation administrative officer Mr. Jayakrishnan, Social work coordinator Shri Josin John, Principal Sr. Jaya, Asst Agricultural Officer Shri Shinu Chenkal, etc participated in the inaugural programme followed by planting of seeds.

ICAR- KVK, GADAG

Scientific Advisory Committee meeting



34 th Scientific Advisory Committee Meeting of KVK, Gadag was held on 22nd February, 2023. Dr.L.G.Hiregoudar, Senior Scientist and Head welcomed the Honourable Members of SAC and presented the action taken report on the suggestions given by Members in previous SAC meeting. He also presented overall achievement of mandated programmes implemented by KVK. Later, KVK Scientists briefed the progress of activities of 2022-23 and activities planned for 2023-24. Interaction and discussion with SAC Members was held for finalising KVK deliverables

interms of mandated programmes for next year. Shri D.R. Patil, Chairman of Host Institution-Agricultural Science Foundation, Hulkoti in his opening remarks, briefed about Vivek Patha activities and requested the Scientists to plan activities for the integrated development of the farm families. Dr.Thimmappa K., Principal Scientist, ICAR-ATARI, Bengaluru provided valuable suggestions. Dr.S.I.Athani, DE, UHS, Bagalkot gave valuable suggestions. District Officers of various Line Departments, Professor from Veterinary College, Scientists from ARS Hombal, AEEC, Gadag, Progressive Farmers and Women Entrepreneurs participated in the meeting.

Celebration of International Women's Day



ICAR - KVK, Gadag in collaboration with SBI-ASF-RSETI, Hulkoti organised International Women's Day on 8th March, 2023 at its Campus. The event was inaugurated by Smt. Vijayalaxmi Tammanagoudar, Ex-President, Taluk Panchayat and Director of Host Institution -Agricultural Science Foundation, Hulkoti. She spoke that, the participation of women in economic and social activities is very important and also adoption of technologies in agriculture and allied fields. Shri P.K.Hosamani, Director, SBI - ASF - RSETI, Hulkoti briefed about the





various training programmes organised for the self employment and economic empowerment of the women. Dr. L.G Hiregoudar, Senior Scientist and Head, ICAR -KVK Gadag spoke on the adoption of innovations in agriculture and allied fields for self sustainability. Five women who have profelled in various fields viz., agriculture, and self employment were felicitated on this occasion. Dr. Sudha V Mankani, SMS (Home Science) gave introductory note on importance of Internatinal Women's Day. More than 60 women and rural youths participated in the programme.

ICAR- KVK, HASSAN

International Women Day



ICAR-KVK, Hassan in collaboration with ATMA, Department of Agriculture, H. N. Pura taluk celebrated the International Women's Day on 08/03/2023 at Doddabayakaravalli Village of H. N. Pura taluk of Hassan district. Mr. Ramesh, Taluk coordinator, Arogya amrutha Abhiyana Holenarsipura taluk inaugurated the programme and in his inaugural speech he said that Women's should get equal chance in all sectors then only the celebration of women's day will be meaningful and he also said that farm women should participate in social activities,

programmes, income generating activities to empower themselves. Mr. Ramesh, PDO, Doddabayakaravalli Grama panchayath presided over the function and during his presidential remarks he said that farm women should develop leadership qualities among themselves and motivate fellow women farmers to get benefit of government schemes and programmes related to women. Further, he mentioned that women's should break out the social barriers to get compulsory education so that 33 per cent reservation should be effectively utilized leading to improvement to social status of women.

Dr. Shivashankar, M., Scientist (Home science) KVK, Hassan during his introductory remarks, mentioned the motto behind the international women's day celebration, history and the meaning of this year theme for the international women's day. Dr. Krupa, Veterinary officer, Mrs. Ashwini and Mrs. Pavithra, Members of Doddabayakaravalli Grama panchayath and 61 farm women participated in the programme.

Agricultural Exhibition at Adichunchanagiri



ICAR-KVK Hassan has been participated in Agricultural Exhibition at Mahasamsthana Math, Adichunchanagiri hill in Nagamangala Taluk, Mandya District, Karnataka State from 5th march to 7th march 2023. During the exhibition ICAR-KVK, Hassan and Mandya together established the stall to showcase new agricultural, horticultural and animal husbandry technologies suitable for the farmers of Nagamangala and surrounding taluk. The Exhibition stall was inaugurated by Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji on March 5th 2023 and during his

inauguration he interacted with the scientists about the usefulness and availability of new technologies to the farmers. Further, he acknowledged the efforts of ICAR -KVK, Hassan and Mandya in exhibiting these technologies in the exhibition. All three days 3,000 farmers were visited the stall and interacted with the scientists about the new technologies exhibited.





ICAR- KVK, HAVERI

NICRA, Zonal Monitoring Committee visit to KVK, Haveri and NICRA village Rahutanakatti



NICRA Zonal Monitoring Committee (ZMC) members Dr. D. M. Hegde, Former Director, DOR, Hyderabad, Dr. B. Narayanaswamy, Former Principal Scientist (AE), IIHR Bengaluru, Dr. G. Venkatesh, Principal Scientist (Agro forestry), CRIDA Hyderabad and Dr. D. V. Srinivasa Reddy, Nodal Scientist, NICRA, ATARI, Bengaluru, reviewed the activities in NICRA adopted village Rahutanakatti of Ranebennur taluk on 10.03.2023. Dr. A. S. Vastrad, Director of Extension, UAS, Dharwad, Dr. V. S. Patil, Associate Director of Extension, UAS, Dharwad, Dr. J. S. Hilli, Dean

(Agri.) and Campus Head, College of Agriculture, Hanumanamatti, Dr. Shripad Kulkarni, Nodal Officer for KVKs, UAS, Dharwad, Dr. Vilas Kulkarni, Professor (Agricultural Economics), College of Agriculture, Hanumanamatti, Dr. R. M. Hosamani, Professor (Horticulture), College of Agriculture, Dharwad, Dr. Guruprasad G. S., Senior Scientist and Head, Krishi Vigyana Kendra, Haveri, Dr. Ashoka P, Associate Professor (Agronomy), College of Agriculture, Hanumanamatti and KVK staff attended the review meet.

After completion of presentation of NICRA activities by Dr. Ashoka P, ZMC members and officers of UAS, Dharwad had thorough discussion with KVK staff on different interventions implemented and visited NICRA adopted village Rahutanakatti, interacted with farmers of the village and made the suggestions to improve the activities for the ensuing season about promotion of agroforestry, dry land horticulture, millets cultivation, integration of farm activity with animal component. Further, insisted to create awareness about activities of line departments and promote the construction of farm ponds through convergence.

ICAR- KVK, IDDUKI

ICAR- IIHR, Bengaluru Honors two farm women entrepreneurs of Idukki District



As part of the International Womens Day 2023 celebrations in the theme DigitALL : Innovation and Technology for Gender Equality at ICAR- IIHR, Bengaluru, Two women farmers were selected from Idukki district as best women farmers cum entrepreneurs who are following the ICAR-IIHR technologies under the technical Guidance of ICAR-KVK, Idukki. Mrs. Manju Mathew, Ullatt (H), Valiyathovala P.O - 685614 and Mrs. Sujatha Vijayan, Parackal House, Rajakkad P.O, Rajakkad - 685566 were the selected farmers from Idukki district. They were honoured

by Dr. Roli Mathur, Scientist 'F' & Head, ICMR Bioethics Unit, Indian Council of Medical Research, Director, WHO Collaborating Centre for Strengthening Ethics in Biomedical and Health Research, Bangalore and also delivered guest lecture on 'Celebrating Women Leaders and their Initiatives in Bioethics. Mrs. Manju Mathew runs a nursery named Harithasree organic nursery with the technologies from ICAR-IIHR, Bengaluru while Mrs Sujatha Vijayan, runs a mushroom enterprise unit named PNV mushrooms with white oyster mushroom - *Pleurotus Florida* and Grey Oyster mushrooms- *Pleurotus Sajorcaju* varieties developed from ICAR-IIHR, Bengaluru. Both the women farmers has a wide range of marketing channel in their products. In the same day, KVK idukki also organized International womens day celebration and honoured Mrs. Omana Mathews, Progressive farmer of Santhanpara Village in Idukki district. During the celebrations SHG units promoted by ICAR-KVK Idukki exhibited value added products produced by the women farmers in KVK seminar hall. Sessions on women empowerment was handled by Smt. Rachel Skariakutty, PA(Rural Craft) and Sr. Jency P Xavier, St. Clairs Convent, Santhanpara.





ICAR- KVK, KALABURAGI-I

Capacity Development Programme on Processing and Value Addition of Fruits and Vegetables



ICAR - Krishi Vigyan Kendra, Kalaburagi-I organized three days capacity development programme on processing and value addition of fruits and vegetables under RKVY for farm women and rural youths of Kalaburagi district from 09.03.2023 to 11.03.2023. Senior Scientist and Head, Dr. Raju G. Teggelli welcomed the gathering and briefed about the KVK activities, importance of the programme and the role of trained farm women and youths in strengthening the agriculture sector as well as create awareness and capacity building among community on agricultural activities.

Dr. B. M. Dodamani, Assistant Director of Research, Zonal Agricultural Research Station, Kalaburagi participated as Chief Guest and in his speech advised the participants to make utilization of this training programme for sustainable development of agriculture based livelihoods at self-help group. During this programme Dr. M. M. Dhanoji, Dean, College of Agriculture, Kalaburagi in his presidential remarks briefed about the training programme and stressed that trainees should make available the latest technologies at the door steps of farmers.

During the training programme, 10 different classes from various scientists of the university and Department of Horticulture, Kalaburagi were organized and exposure visit to processing unit at ZARS campus was also arranged for the benefit of participants. On this occasion Dr. Zaheer Ahamed, Scientist (Pathology) anchored the programme, Dr. Ambrish Ganachari, Assistant Professor, ZARS, Kalaburagi thanked the guests and trainees. Dr. Vasudev Naik, Scientist (Horticulture) handled the training programme. Later trainees expressed their experience about the training. Around 90 farm women and rural youths were trained and got benefit from the training programme.

ICAR- KVK, KANNUR

SCSP Programme - Scientific Cultivation of Ginger and Turmeric



KVK Kannur has organized one day training programme on Scientific Cultivation of Ginger and Turmeric under Scheduled Caste Sub Plan on 8th March 2023. Dr. Parvathy A., Assistant Professor (Agricultural Extension) welcomed the gathering. The training and seed distribution programme was inaugurated by Dr. Jayaraj P., Programme Coordinator, KVK. He elaborated about the potential of spice crops in Kannur district and the concept of seed hub. Dr. Manju K. P., Assistant Professor (Entomology) and coordinator of SCSP

programme explained about the concept and components of the programme. Smt. Elizabeth Joseph, Assistant Professor (Home Science) briefed about the possibilities of value addition in ginger and turmeric. Dr. Ambili John, Assistant Professor (Animal Science) delivered felicitation address to the event. Smt. S hahanas K. M. P., Farm Manager handled a session on scientific cultivation of ginger and turmeric. Seeds of ginger to cover an area of three hectares and turmeric for an area of five hectares were distributed to trainees under the SCSP Programme. Leaflets on standard operating protocol of ginger and turmeric was distributed to trainees.





ICAR- KVK, KASARAGOD

Celebration of International Women's Day



ICAR - Krishi Vigyan Kendra, ICAR -CPCRI, Kasaragod has been instrumental in empowering women through dissemination and adoption of scientific technologies with respect to value addition of local produces such as Jackfruit, banana and processing of seasonal fruits such as amla, carambola, kokum, cashew apple, revival of ITK's and promotion of millet value addition. This has enabled them to upscale their skills to initiate small scale entrepreneurship emphasizing production of foods with nutritional significance to address both nutritional security and economic security.

On the event of International Women's Day on 8th March 2023 at CPCRI, various millet products and traditional ITK based value added products of four women entrepreneurs trained by KVK was launched by Dr. K. B. Hebbar, Director, ICAR - CPCRI, Kasaragod. The Value added products launched were Ragi malt and Amylase rich ragi mix by Mrs Rathi Mohan, Bekal Muliya Homestay under the brand name "RaMo", Poshak powder, Coconut milk residue fortified sprouted ragi pasta by Mrs Usha Nair, Periye under the brand name "Usha's Nature's Guide", Sprouted ragi and foxtail millet based healthy snack foods (Murukku), Coconut milk residue fortified Tavara (Cassia tora) pasta by Mrs. Suharabi Fayaz, Uduma by brand name "Zorra's foods" and Coconut oil based Herbal Hair oil by Ms. Remya K.V, Maipady by brand name 'Pulary Food products'. The programme was attended by around 200 participants including KVK entrepreneurs, Staffs of CPCRI and school children.

ICAR- KVK, KOLAR

Demonstration on spraying pesticides and micronutrients using Kisan Drone



KVK Kolar Scientists conducted the demonstration on spraying of Poshana multi nutrient foliar solution, pesticides, 19:19:19, micronutrients and Nano Urea at various fields like Mulberry, Tomato, Potato, Cabbage, Sweet corn, Pomegranate and Mango in different villages viz.. Thoraganadoddi, Hoskote, Abbani, Thippasandra, Vittapanahalli, Ganganasapura, Kesaragere, Kallipura, K Upparahalli, Kuppur, Ivarahalli, Allwatta, Mittamalahalli, Balliganhalli, Dimba, Gangapura, Gangarasanahalli and Garnahalli using Kisan Drone. A total of 220.5 acres covered.

International women's day



KVK Kolar organized International women's Day in collaboration with ATMA ,KSDA Kolar on 10.3.2023. Lectures were given by Dr. Chikkanna G.S, Scientist (Home Science) on scope of Minor Millets in meeting the nutritional security and their value added products, layout and management of nutri -gardens and Mrs. Swathi gave information on weather forecasting and its use in Agriculture. 50 farm women and 5 ATMA officials participated in the programme.



Field Day on "Management of Mulberry and Bivoltine silkworm in winter season for successful cocoon harvest"



KVK Kolar organized Field Day on "Management of Mulberry and Bivoltine silkworm in winter season for successful cocoon harvest" at Gaddekannuru village, Kolar taluk as part of FFS final session on 10.3.2023. Sri M Kalappa, Deputy Director of Sericulture, Kolar & Sri Manjunath M., Assistant Director of Sericulture, Kolar division participated as chief guests. Sri. K Thulasiram, SS&H, KVK Kolar explained about effective adoption of each technologies addressed by the scientists during the sessions. Dr. Shashidhar K R., Scientist (Sericulture)

highlighted key points of each session & also received feedback from participants. Distributed PoP kits during the programme. Around 40 sericulture farmers participated in the programme.

ICAR- KVK, KOPPAL

Celebration of international women's day



Women play a significant and crucial role in agricultural development and allied fields. The nature and extent of women's involvement in agriculture varies greatly from region to region. ICAR KVK Koppal in association with ICICI foundation celebrated international women's day in Kuderemoti village yelburga taluk, Koppal district. The programme was inaugurated by sri pranavswaroopi vijayamahanth maha swamiji, kuderemoti by watering plant, in his inaugural speech he mentioned that across the world Indian women are respected and honored a lot.

Worshipping Goddesses can be seen like a source of power and inspiration. Hundred years ago, women were not given that much importance. But gradually women started empowering. Pre-independence women's role was limited. By 21st century women have got equal opportunities along with the men. Today top most, key most operating posts have been occupied by women. Women have grown in science and technology to an extent. He also urged women's to pursue higher education for their daughters. Smt. Sandhya Madinor, Lawyer, Koppal explained about the rights of the women. Dr. Kavitha Y Ullikashi Scientist (Home Science) explained about different small-scale enterprises for rural agriculture women. Dr. Netravathi Medical officer, Bevur village, Yelburga taluka, Koppal explained about causes and management of malnutrition in children. Smt. Premalatha, Supervisor, Women and child development explained about the different government programmes for women. Smt. Yashodamma, Field officer, ICICI foundation explained about the role of women in agriculture. About five progressive farm women of Kuderemoti, Bevur, Nelgeri villages were felicitated in the programme. More than 80 farm women participated in the programme.

Popularization of weather based apps to farmers of Koppal district



Popularization of weather based apps to farmers at Challari village of Koppal district was organized on 02-03-2023. The programme was conducted under the guidance of Dr. Raghavendra Yaligar, Senior Scientist and Head, ICAR -KVK, Koppal. Dr. Fakeerappa Arabhanvi, SMS (Agromet) gave a lecture on weather parameters and their impact on agriculture, horticulture and dairy farming and importance of Meghdoot app in agriculture and its way of use. 25 farmers participated in the programme.



ICAR- KVK, KOTTAYAM

Training on value addition of milk



KVK Kottayam organised a three days skill training on 'Value addition of milk' from 02.03.2023 to 04.03.2023. Fifteen participants from Kottayam and nearby districts participated in the certificate training programme. Technology of preparation of dehydrated milk products, frozen milk products, fermented milk products and coagulated milk products were demonstrated in the three days training programme. Smt. Sheeja, Rtd. Dairy Training Officer, Kottayam and Dr. Jisha A Prabha handled the sessions.

Women's Day: State level 'Vanitha Karshakasangamam'



In connection with International women's day celebration, KVK Kottayam participated in the state level programme 'Vanitha Karshakasangamam' organised by Dept. of Agriculture, Kerala on 08.03.2023 at CSI retreat Centre, Kottayam. The programme included women entrepreneurs mela, seminars, honouring women farmers/entrepreneurs and exhibition. The programme was presided over by Sri. Thiruvanchoor Radhakrishnan, MLA, Kottayam and inaugurated by Sri. P. Prasad, Hon. Minister for Agriculture and Farmers welfare, Kerala. Dr. Jayalekshmi G,

Programme Co-ordinator, KVK, Kottayam handled the seminar on 'Millet cultivation in Kerala' and Dr. Jisha A Prabha, Assistant Professor (Home Science) handled the session on 'Value addition and entrepreneurship development in agricultural crops'. About 300 women entrepreneurs from five districts participated in the programme. Exhibition and sale of agricultural products and value added products were arranged by different block panchayaths and KVK.

An interface programme between farmers, scientists



An interface between farmers, scientists from Krishi Vigyan Kendra, Kottayam and Agricultural officers from Kottayam district was conducted to clarify the field problems on pest and diseases and crop management aspects at Panchayat Hall, Thrikkodithanam on 4/3/2023. The majority of the farmers expressed the problems of sucking pests in vegetables, shoot & fruit borers, bacterial wilt and pests of coconut. An exhibition stall was set up by KVK Kottayam showcasing the technology products like Pseudomonas, Trichoderma, Ayar, Sampoorna,

Trichoderma enriched cow dung, fish manure, Azospirillum, Azotobacter, AMF and value added products.



ICAR- KVK, MALAPPURAM

RKVY – ASCI training - Employability skill sessions



KVK Malappuram organized Garden Keeper training under RKVY ASCI to enhance the employability skills of youth. Various non technical sessions were included during training programme as per the revised guidelines of the ASCI programme like yoga, personality development, banking management, officer administration, English language, computer application and so on.

Vocational training programme on “Entrepreneurial possibilities in agricultural mechanization”



The KVK Malappuram conducted 4 days Vocational training programme on “Entrepreneurial possibilities in agricultural mechanization for women in Malappuram district from 28th February to 3rd March 2023. Both theory as well as practical classes were conducted for 16 women. The various theory sessions included importance of Farm mechanization, important machinery available for cultivation of rice, plantation crops and vegetables. cultivation aspects about inside polyhouse and rain shelter, introduction to Micro irrigation, precision farming,

and protected cultivation, post - harvest management and value addition of fruits and vegetables and entrepreneurship opportunities in agriculture mechanization. Practical session on precision farming components and protected cultivation structures, operation of some agricultural machineries, value addition of fruits and vegetables were also done.

ICAR- KVK, MANDYA

Capacity building programme on Improved Production Technologies of pulse crops



ICAR-Krishi Vignan Kendra, V.C. Farm, Mandya organized training programme on Improved production technologies in pulse crops from 02.03.2023 to 3.03.2023. The aim of the programme was to create the awareness among the farmers, as the farmers from Mandya region have a habit of following mono- cropping system paddy-paddy which has to be changed to improve the soil health. With this objective the farmers were enlightened on use of bio-fertilizers, improved cultivation practices, pest and disease management in pulses. During the training programme

the scientists Dr. Atheefa Munawery, Scientist (Soil Science) highlighted the importance of pulses in soil health, Dr. Pavitra, S., Scientist (Plant Protection) deliberated in detail about Pest and disease management in pulses and use of bio-agents and Dr. Rekha, B., Scientist (Agronomy) provided information on improved cultivation practices (Cowpea, Black gram, Red gram, Horse gram and Green gram) to be followed in production of pulses. Further method demonstration on seed treatment with Bio-fertilizers was arranged for the benefits of the farmers. Total 75 farmers got benefited from the programme



ICAR- JSS KVK, MYSURU

Coconut Field Day



ICAR JSS KVK Suttur in collaboration with Coconut Development Board, Bengaluru organized Coconut field day in progressive farmer Prabhmani coconut field at Ayarahalli village of Mysuru Taluk on 4th March 2023. In that programme Joint Director of Horticulture Mysuru Dr. Nagaraju gave details regarding department's subsidies and new technologies in Coconut to the farmers. Progressive farmer Madappa shared his experience of intercropping and mixed cropping in coconut. Dr Vinay G M, Scientist (Horticulture) gave details of varieties of Coconut, Mother plant selection and Nursery management in coconut. Rajanna, J. G., Programme Assistant (Soil science) gave information regarding soil health management and nutrient management in Coconut. Dr Prasad Y P delivered lecture on Pest and disease symptoms, identification methods and integrated management strategies to control them in Coconut. President of the programme Divya, H. V., Senior Scientist and Head (I/C) ICAR JSS KVK gave information on KVK activities and programs. As a part of the programme method demonstration on integrated nutrient management, Nursery Management and Isaria fumaroseae spraying by using power sprayer for control of spiraling rogous white fly in coconut were conducted. Total of 45 farmers participated and benefitted.

Coconut Field Day at Harathal



ICAR JSS KVK Suttur in collaboration with Coconut Development Board, Bengaluru organized Coconut field day in progressive farmer Raju coconut field at Harathale village of Nanjanagudu Taluk on 14th March 2023. In this programme Harathale grama panchayath president and members were present, Progressive farmer Raju shared his experience of intercropping and mixed cropping in coconut. Dr. Vinay, G. M., Scientist (Horticulture) gave details about varieties of Coconut, Mother plant selection and Nursery management in coconut. Rajanna, J. G.,

Programme Assistant (Soil science) gave information regarding soil health management and nutrient management in Coconut. Dr. Prasad, Y. P., delivered lecture on Pest and disease symptoms, identification methods and integrated management strategies to control them in Coconut. As a part of the programme method demonstration on integrated nutrient management was also conducted. Total of 50 farmers participated and benefitted.

ASCI Gardner Training Manual Release



Dr. Udham Singh Goutam, Deputy Director General, Division of Agricultural Extension, Dr. Rajashree Roy Burman, Assistant Director General (AE), Mr. Devendra Rustagi, Vice president - Agriculture, Common Service Center, e-governance service India Limited, Ministry of Electronics and IT, GOI, New Delhi and Dr. V. Venkatasubramanian, Director, ICAR - ATARI Bengaluru. Dr Mallikarjun B Hanji Chief technical officer ICAR-ATARI Bengaluru and Nodal officer of ICAR JSS KVK Suttur released the Gardner training manual on 13th March, 2023 at ICAR JSS KVK, Suttur, Mysuru and distributed to ASCI Gardner trainees.



Capacity development program on machine transplanting in paddy and method demonstration on paddy tray nursery preparation for rural youths



ICAR JSS KVK Suttur in collaboration with SKDRDP, T Narasipura organized capacity development program on tray nursery and machine transplanting in paddy for rural youths on 6th March 2023 at Krishnapura village, T Narasipura taluk, Mysuru district. KVK Agronomist Shri Shamaraj explained about increased cost of production in paddy and scarcity of paddy transplanting labours forcing farmers to look alternate methods like direct sown rice and machine transplanting in paddy and also briefed about paddy tray nursery preparation and integrated crop

management in paddy. KVK Agronomist Shri Shamaraj with SKDRDP officer Shri Kumar conducted method demonstration on paddy tray nursery preparation. Nearly 32 farmers participated in the program.

Capacity development program to NSC seed production farmers



ICAR JSS KVK Suttur in collaboration with National Seed Corporation, Mysuru organized capacity development program to NSC seed production farmers at KVK campus Suttur. NSC officers explained about functioning of National Seed Corporation and seed production in crops and varieties. KVK Agronomist Shri Shamaraj explained about methods of paddy cultivation, water and nutrient management, weed and pest management in paddy and also briefed about improved agronomic practices in black gram. KVK Senior Scientist and Head (I/c) Ms. H V Divya briefed about seed production in paddy and black gram.

IFS Farmers workshop and capacity development on honey bees



One day workshop cum training on apiculture was conducted at ICAR JSS Krishi Vigyan Kendra, Suttur on 09.03.2023. Mr. Ravi from Mandya participated as a resource person and explained about importance of honey bees in agriculture ecosystem, role of honey bees in food production, further he explained communication pattern of bees, role of worker bee, queen and male bees and later he demonstrated the procedure of maintaining the honey bee colonies, extraction of honey from comb. IFS workshop involving 10 model IFS farmers selected

from all 7 taluks of the district participated in the workshop and briefed their management of farm and expressed their opinion about requirement of technical support from KVK in some areas like, Vermicomposting, azolla production, use of bio pesticides and bio agent for management of pest and diseases. KVK agronomist Shri Shamaraj explained about adaption of different complimentary and supplementary enterprises to support ecosystem in each IFS model and KVK has provided critical inputs like vermibed, azolla bed, neem cake, waste decomposer, green manure seeds like sunhemp, bioagent Trichoderma pseudomonas, grafted mango, Sapota seedlings, curry leaf, drumstick etc to IFS farmers in the workshop and made arrangement for visit to demo unit in the KVK campus.





ICAR- KVK, PALAKKAD

Garden keeper skill training at KVK Palakkad



KVK Palakkad is conducting a 27 days RKVY Skill training programme on the job role Garden keeper for 25 emerging agripreneurs. In the agriculture industry, Garden keeper is a very important job role related to landscaping and gardening activity. During the course, KVK is building capacities on all gardening aspects through skill training. The trainees are provided with hands on experience in planting and maintaining lawns and gardens in KVK premises. They are also made aware of variety of tools and equipment utilized for this purpose and their basic

repair and maintenance also. Exposure visits to units covering Hitech nurseries, aquaponics, hydroponics, vertical gardening, orchards etc were also conducted. Special sessions on dry flower technology, bonsai, kokedamas and terrariums are performed for the trainees. Moreover, KVK is equipping the trainees with soft skills and leadership qualities as this job requires the individual to work customer friendly and be comfortable in making decisions pertaining to his /her area of work.. The participants are updated with information regarding digital apps and farm based business plans. A needy session on banking aspects that would enable trainees towards financial well being through comprehensive, lucid financial literacy was also arranged.

Skill development programme on coconut climbing machines



A skill - development programme on the use of various coconut climbing machines for coconut harvesting was conducted at KVK Palakkad during the last fortnight. A self - propelled coconut climber and a standing - type manual coconut climber were used for the training. Farmers and youth, including women, from different areas of Palakkad district participated in the programme. Operation of the self - propelled coconut climber was a new experience for most of them. An awareness session about the insurance scheme by the Coconut Development Board, Kerala, and the United Insurance Company for the coconut climbers were also given to the participants.

ICAR- KVK, PATHANAMTITHA

Water melon "Arka Shyama" in Pathanamthita district



Water melon cultivation is picking up in the district due to the heavy demand for watermelon during the summer months in the district. KVK Pathanamthita introduced the water melon crop in the district during the 2002- 2005 period. However the spread of the crop during later years slowed down due to difficulty in obtaining seeds, cracking of fruits due to unexpected rains etc. In order to evaluate the possibility of using watermelon as a summer crop for enhancing the profitability of crop production during the season, KVK conducted On Farm trials using Arka Shyama,

an open pollinated variety, KAU Shonima a seedless hybrid and Sugar baby the traditional variety as options for the trials. Arka Shyama outperformed the KAU Shonima and obtained yield of 37.6t/ha. Arka Shyama, an ice box type variety with dark greenish black rind, oblong fruit shape and is comparatively early maturing variety and attained crop maturity by 70 days from sowing. Most of the farmers were not able to successfully pollinate Shonima hybrid due to non-synchronized flowering in Pollinator variety sugar baby



VAIGA 2023



KVK, Pathanamthita participated in exhibition organized as part of VAIGA 2023 (Value Addition for Income Generation in Agriculture) at Thiruvananthapuram Kerala. It is a most prestigious venture from Agriculture Department under the Govt. of Kerala since 2016. The platform provides immense opportunities to create a bridge between entrepreneurs and agencies and experts in the field of value addition. KVK being the State Resource Centre for Jackfruit (SRCJ), displayed the jackfruit based value added products of entrepreneurs

and KVK. With 2023 being observed as the International Year of Millets, millet-based products of KVK and the entrepreneurs were prominently featured and displayed at KVK stall.

INTERNATIONAL WOMEN'S DAY 2023



KVK, Pathanamthita organized "International Women's Day" on 8th March 2023. On this occasion, a motivational and encouraging talk on the theme "DigitALL: Innovation and technology for gender equality" was delivered by Dr. C.P Robert, Senior Scientist and Head, KVK, Pathanamthita. As part of the programme all Women staff of the KVK were honored

FFS on Good Agricultural Practices in Jackfruit Production



Capacity building programme on Canopy and Orchard Management in Jackfruit was organized as part of Farmer Field School (FFS) on 14th March 2023 at Ranni Panchayat. The programme was inaugurated by Sri. Prakash Kuzhikala, President, Ranni Panchayat and was presided over by Dr.C.P Robert, Senior Scientist and Head, ICAR - KVK, Pathanamthitta. Exclusive orchard with 150 Jackfruit plants was selected as FFS plot in Ranni Panchayat. Method Demonstration on canopy management in jackfruit was also conducted. Technical

session was lead by Dr. Rincy K Abraham, SMS (Horticulture), ICAR-KVK, Pathanamthitta. Budded Jackfruit plants were also distributed to the stakeholders.





ICAR- KVK, RAMANAGARA

Animal Health Camp



ICAR-Krishi Vigyan Kendra Ramanagara, organized Animal health camp at adopted village Hakkinalu, Magadi taluk, in collaboration with Department of Animal Husbandry and Veterinary Services, Magadi and Bangalore Milk Co-operative, Solur Camp, Magadi taluk, Ramanagara. Dr. Sowjanya, S., Scientist (Agricultural Extension) highlighted the activities of the KVK in the adopted village and the importance of animal health camp. Everyone should take up healthcheck-up of livestock time to time and give them appropriate vaccines and also highlighted

about balanced feed and fodder management to get good milk yield and higher income. Dr. Deepa Pujara, Scientist (Horticulture) gave information about Azolla cultivation. Dr. Jayashree, Dept of Animal Husbandry and Veterinary Services, Magadi briefed about animal health management, artificial insemination and also examined and treated animals. Dr. Dhayamegowda, Veterinary Officer, BAMUL, Solur camp, Magadi taluk examined the dairy cows for various health issues and recommended appropriate medicines. More than 150 livestock were examined. The farmers were advised to do routine deworming and vaccination to animals along with feeding of mineral - vitamin mixture supplements to improve their body nutrient status and overall health.

Celebration of International Womens Day-2023



Women are the key to sustainable development and quality of life in the family. As we all know they are made by God to be life-givers, nurturers and caregivers. They are generally very compassionate, loving and empathetic by nature. Because of being so loving and caring they often miss to take care of themselves and feel guilty for sparing even a few minutes for them. So this women's day ICAR - Krishi Vigyan Kendra Ramanagara made an effort to care women by organising health check-up camp in collaboration with Department of Ayush, Magadi at

Adopted Village Hakkinalu of Magadi taluk. Dr. Sowjanya, S., Scientist (Agril. Extension) briefed about the significance of celebrating women's day and said to be a good wife, mother, or working professional first be a good person to yourself. Treat yourself well to be treated well by others and do include self and self-care in your dictionary. Dr. Lata R. Kulkarni, Senior Scientist and Head, highlighted about the diets of women are often too poor to meet their nutritional needs. So, they should include nutrient rich foods like fruit, vegetables, quality protein, healthy fats, and low in processed, fried, and sugary foods. Because the right food can not only improve your mood, boost your energy, and help you to maintain a healthy weight, it can also support you through the different stages in a woman's life. The chief guest Dr. Geetha, Ayush Department, Magadi briefed about the importance of Health and Hygiene, Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homeopathy for maintaining good health care of Women's and children. Free health check-up was organised for women and taught about Pranayama and exercises. More than 50 farmwomen, Grampanchayath members, Anganwadi teachers participated in this special occasion and were benefited.





Capacity development programme on coconut cultivation



ICAR - Krishi Vigyan Kendra, Shivamogga conducted "Capacity development programme on coconut cultivation" on 04/03/2023 at Hosuru village of Shikaripura Taluk. During the programme Dr. Hanumanthaswamy, B. C., Senior Scientist and Head, Krishi Vigyan Kendra, Shivamogga, briefed about the cultivation aspects of coconut such as suitable soil and climate conditions, classification of varieties (tender coconut water, oil extraction and copra production), mother palm selection, seedling selection, nutrition requirement, spacing

requirement, inter-cropping, pest and disease management and yield. The farmers also interacted with the scientists related to the constraints faced by them on cultivation aspects of coconut. Totally 40 farmers benefitted from the programme.

Celebration of International Women's Day



I.C.A.R. - Krishi Vigyan Kendra, Shivamogga celebrated International Women's Day on 08.03.2023 at Hosa Muttige Village of Shikaripura Taluk. In the programme Dr. Jyoti M. Rathod, Scientist (Home Science), Krishi Vigyan Kendra, Shivamogga informed about history and importance of celebrating International Women's Day. International Women's Day will be celebrated on March 8th of every year with different themes. U.N. has declared "Innovation and Technology for Gender Equality" as a theme for this year celebration. This day is a day to celebrate women's

achievements in social, cultural and economic fields and their contribution to the society. The main purpose of the celebration is to highlight the gender equality and also to give more emphasis on women's empowerment. Dr. Anjali, M. C., Scientist (Soil Science), K. V. K., Shivamogga told that, on this day women who have achieved a lots in all the areas should be encouraged. Apart from that, this day should help in creating awareness about the importance of gender equality. Dr. Pooja G. K., Senior Research Fellow (ARYA Project), K.V.K., Shivamogga told that, all women are making many contributions for society development. Hence, all women need to be appreciated and encouraged for their hard work. Totally 67 women participated and benefited from this programme





ICAR- KVK, THRISSUR

Doubling Farmer`s Income through capacity building of FPOs



To strengthen the FPOs of Kerala, a “Training and Capacity Building Workshop for Nurturing and Strengthening of FPOs” for five districts of Kerala was conducted by NABARD at KVK, Thrissur. The programme was inaugurated by Shri R Shankaranarayanan, General Manager, NABARD. Dr. Jacob John, Director of Extension addressed the trainees during the session and Shri Sebin Antony, DDM – NABARD, Thrissur welcomed the gathering. Sessions were conducted on FPO governance, legal aspects and compliances, accounting, business planning, export, marketing, government schemes, and experience sharing. The focus was on providing necessary handholding to FPOs for undertaking the promotion of quality agricultural products in Kerala. The programme gave an orientation to ensuring credit and market linkages, review of timely account keeping, audit, legal compliance, etc. Around 50 FPO and FPC leaders attended the programme at KVK Thrissur

Other Extension Activities

- * KVK Thrissur conducted the SCSP entrepreneurship development programme for 80 SC aspirants on “Fish processing and value addition” sponsored by ICAR CIFT.
- * In collaboration with ATMA, Department of Agriculture and Farmer`s Welfare, Malappuram district a capacity building programme for twenty farmers of Tirur block, was conducted on mushroom cultivation and processing.
- * Thirty five students of the National Service Scheme of Paramekkavu College of Arts and Science, Thrissur spent one day at KVK Thrissur and the students were given an introduction to agriculture and allied Subjects.
- * Fifty students of St Antonys UP School, Thrissur visited KVK Thrissur as a part of the widely appreciated programme ‘Pulchadikkootam’, which offers a one-day farm learning experience to school students.





ICAR- KVK, TRIVENDRUM

Farm Leaders Training – A better approach for effective technology dissemination



A one - day training was organized at ICAR Krishi Vigyan Kendra, Mitraniketan for the leading farmers of Thiruvananthapuram district. Best farmers from various panchayats of the district participated in the training held on March 15, 2023. Dr. Binu John Sam, Senior Scientist and Head, ICAR KVK Mitraniketan welcomed the gathering and the programme was presided over by Dr.Reghu Rama Das, Joint Director, Mitraniketan. Mrs. L.P. Mayadevi, Ward Member inaugurated the training. In the inaugural address she pointed out that all the activities of KVK are really a

blessing for farmers all over the district. AIF State Coordinator Mrs. Soumitri Manoj felicitated the training programme. A session on small scale agricultural mechanization was handled by Er. Chithra. G (SMS Agricultural Engineering). New trends in plant nutrition for agricultural crops were covered by Smt. Jyothi Rachel Varghese, SMS (Agronomy). Shri. Renjith Murali E, State co-ordinator, Kerala Agriculture Infrastructure Fund, State co-ordinator spoke about the details of financial assistance from the government to improve the agricultural infrastructure for the benefit of farmers. During the farmer Scientist interface programme, the experts from various disciplines answered to the problems and doubts raised by the farmers. Dr. Binu John Sam (Senior Scientist & Head), Er. Chithra. G, SMS(Agricultural Engineering), Smt. Manju Thomas, SMS (Horticulture), Smt. Jyothi Rachel Varghese, SMS (Agronomy), Smt. Bindhu R. Mathews, SMS (Plant Protection) participated in the interface arranged in connection with farm leaders' training programme. The best farmers participated in the training had an opportunity to share their achievements and experiences in agriculture with other farmers.

ICAR- KVK, TUMAKURU-I

One day workshop on scientific arecanut cultivation



ICAR KVK, Tumkur - I, organized one day workshop on scientific arecanut cultivation at jonigarahalli farmers field of Kortagere taluk Tumkur district on 06-03-2023. Dr. V. Govinda Gowda, Senior Scientist and Head, KVK, Tumkur - I, emphasized the startup of microenterprenur and addressed the schemes available under Coconut Development Board for coconut and arecanut growers. Dr. Manoj, H. Scientist (Plant protection) delivered the lecture on integrated pest and disease management in coconut and arecanut. Dr. Nithyashree, K., Scientist (Home

Science) explained the scope and importance of value addition in coconut. On this occasion Mr. Mahalingiah and dignitaries released the book entitled Chogaru -Adike Halu that was written by Sri Padre, Chief Editor, Adike Patrike and he explained the use of arecanut in daily life. Mr. Srikantamurthy, organic farmer focused on importance of organic arecanut cultivation. Anand and Gurulingappa emphasized the arecanut processing. On this occasion Dr. V. Govinda Gowda, Senior Scientist and Head, KVK, Tumkur - I, demonstrated the mechanized harvesting of arecanut and coconut using dhoti and coconut climbing machine. Total 100 progressive farmers attended the programme and got benefited





Celebration of International womens day



ICAR KVK, Tumkur-I, in association with Department of Agriculture, Tiptur celebrated international women's day with a theme DigitAll: "Innovation and technology for gender equality" on 08/03/2023 at KVK, Tumkur-I. The programme was inaugurated by Dr. Sumana, Ayush Medical officer, Ayush department, Tiptur. In her inaugural speech she highlighted the importance of balanced diet in our daily routine, ill effects of fast food on health, food to be consumed during summer season. Smt. Naveena Sadashivaiah, Bharathiya Kisan Sanga, Tumkur emphasized

the roles and responsibilities of farm women in agriculture. Smt Rekha, Financial Literacy Counselor, Tiptur explained tips for effective financial management for women's and also insisted that OTP and password should not be shared with other persons. Dr. Govinda Gowda, Senior Scientist and Head, KVK, Tumkur-I, in his presidential remarks highlighted the role of women in agriculture and allied activities. He also encouraged the participants to go for entrepreneurial activities. Dr. Nithyashree, K., Scientist (Home Science) conducted technical session on millets processing and value addition. During this programme Dr. Darshan M.E., Scientist (Agriculture Extension), Dr. Sathisha, Farm Manager, KVK, Tumkur-I, Mr. Mahesh, Ms Rathi, and Ms. Vibha, from the Department of Agriculture Tiptur and a total of 55 participants participated in the event.

One day Block Level Seminar on scientific coconut cultivation



ICAR – Krishi Vigyan Kendra, Tumkur - I Conducted one day Block level seminar on scientific coconut cultivation in association with Coconut Development Board, Bangalore and Swarna Bhoomi Farmer Producer Company, Dabbegatta, Turuvekere on 10th march 2023 at Mr. Rajanna's Coconut orchard, Dabbegatta, Tumkur. Dr. V. Govinda Gowda, senior scientist and Head, ICAR-KVK, Tumkur-I Inaugurated the programme and highlighted about various schemes of Coconut Development Board for promoting scientific coconut cultivation. Dr. Srinivas K. R.

Farm Superintendent, ARS, Kungial delivered the lecture on scientific coconut cultivation practices, integrated disease management practices in coconut. Mr. Manoj, H., Scientist (Plant Protection), KVK, Tumkur-I explained the important practices to be done for pest control in coconut. Dr. Nityashree, Home scientist, KVK, Tumkur-I delivered the lecture on processing and value addition in coconut. Mr. Basaraju president and progressive farmer, Swarna Bhoomi FPO, encouraged the farmer to go for scientific coconut cultivation. Mr. Nagesh., Entrepreneur, Koppa shared his experience in marketing of coconut products. On this occasion, Dr. Srinivas K. R. conducted the demonstration on preparation and application of Bordeaux mixture. Totally 58 farmer participated and benefited during this one day seminar.





Training Programme on foxtail millet value addition



ICAR KVK, Tumkur-I conducted training and demonstration programme on foxtail millet value added products on 15/03/2023 at Aralikere, Turuveke taluk, Tumkur District. Smt. Anusuya, Gram Panchayath Member, Madihalli, inaugurated the programme. Dr. Darshan M.E., Scientist (Agriculture Extension) explained about the importance of millets cultivation and programmes to be conducted on the occasion of International Millets Year 2023 from KVK, Tumkur - I. Dr. Nithyashree, K., Scientist (Home Science) emphasized the importance of processing

methods in millets likes soaking, roasting, fermentation, germination etc. which helps to reduce the antinutritional factors and which will help to improve the bio - accessibility of minerals in millets. A demonstration of preparation of four millets products like bisibele bath, foxtail millet nipattu, foxtail millet laddu and foxtail millet holige was conducted. The packaging, labeling and branding of the products also done in the programme. Smt. Triveni, Millet Entrepreneur emphasized the importance of value addition and health benefits of millets. T. Udaykumar, Jyothi, Renukamma, Ramya and Thirtha kumari from Self Help Group of Aralikere village participated in the programme. Total 40 members participated in the programme.

Demonstration of Yellow Mosaic Virus resistant black gram variety LBG-791



ICAR - KVK, Tumkur - I initiated the front line demonstration on demonstration of yellow mosaic virus resistant black gram variety LBG-791 at Paruvagondanahalli, Tiptur. Mr. Darshan Scientist (Agril.Extension) addressed the audience that RARS, has released a new variety of black gram LBG-791 which is superior to the existing varieties in terms of yield, photointensive and resistance to wilt and yellow mosaic virus. Keeping in view the heavy demand for pulses, farmer should take up the pulse crop with the suitable technology. Dr. Padmanabhan, SMS

(Agrometeorology) explained about the production technologies in black gram. During this time LBG-791 seeds were distributed to the partner farmer along with the critical inputs, required. Total 20 partner farmers participated and benefited.

PRA activities in selected cluster villages



ICAR KVK, Tumkur-I conducted PRA activities from 1 to 15th march at 5 villages from 5 taluks of Tumkur district (i.e. Paruvagondanahalli from Tiptur, Bandre halli from Chikkanayakanahalli, Ippadi from kunigal, Devihalli from Turuvekere and Bommarsnahalli from Gubbi). During initial stage, a meeting of villagers along with village leader, key communicator was conducted in the village for rapport building. While conducting the meeting they were made aware of the exercise to be conducted for the development of a plan for the village, farmers contribution

in the exercise and the objectives to be achieved in agriculture and its allied sector development. Participatory rural appraisal team included Dr. V. Govinda Gowda, Mr. Darshan, M.E., Dr. Padmanabhan, local extension functionary and a local retired teacher, Anganwadi workers along with the villagers traveled across the village to understand their habitat pattern and availability of other natural resources.





After completion of transact walk, all the participants came back to the meeting place. By way of drawing village map and making houses, school, temple, streets and other infrastructure and resource like crop lands, inhabited land, forest, wells and etc on ground with rangoli powder. They prepared visual presentation of village social system with the facilitation f the PRA team. This was made by putting stones on number house and streets. In the way social and resource map of village got prepared in shortest possible time and was cross checked by the participants.

In continuation, discussion and consultation with social groups existing in the villages were held by the PRA team to gather basic village information regarding Number of house hold, demographic information, major crops and enterprises taken in the village and trends of production and productivity of major crops in the village. The villagers were also involved in the exercise on wealth ranking, livelihood analysis, problem identification, priority setting, ven diagramme about the village. After taking their suggestion, PRA Report was prepared and based on the report action taken to be planned for the 3 years from KVK Tumkur-I.



ICAR- KVK, TUMAKURU II

NICRA Zonal Monitoring Committee (ZMC) visit to ICAR-Krishi Vigyan Kendra, Hirehalli, Tumakuru-II



Zonal Monitoring Committee (ZMC) for the NICRA visited ICAR - Krishi Vigyan Kendra, Hirehalli, Tumakuru on 9th March 2023 to monitor and suggest corrective measures in the implementation of NICRA programme. Dr. D.M. Hegde, Former Director, DOR, Hyderabad Chairman, Dr B. Narayanaswamy, Former Principal Scientist (AE), IHR Bengaluru, is the nominee of DDG (NRM) and Dr G. Venkatesh, Principal Scientist (Agro forestry), CRIDA Hyderabad is the nominee of Director, CRIDA. D.V. Srinivasa Reddy, Nodal Scientist, NICRA, is the Member secretary

ZMC, Dr. N Loganandhan, Principal Scientist and Head KVK, Hirehalli presented the progress and achievements of NICRA since inception and also current year programmes. Then ZMC team visited various NICRA activities like harvesting structures, NRM works, dryland horticulture, Amla processing unit, Gamachetana FPO, Agroforestry, drought tolerant crops fields adopted by farmers at D.Nagenahalli and Chikkadoddavadi villages of Koratagere Taluk, Tumakuru. Mr. Ramesh. P.R and Mr, Prashant.J.M explained the NICRA activities and progress to the ZMC. ZMC members interacted with the VCRMC members, Gramachetana FPO Directors and farmers. ZMC provided the valuable suggestions to improve the NICRA programme and appreciated the activities of NICRA village.





Training and awareness programme on Bee star labelled energy efficient pump sets and water conservation



Sponsored Training on “Bee Star Labelled Energy Efficient Pump Sets and Water Conservation” was organized at Sri Siddaganga Mutt, Exhibition Centre, Tumakuru by ICAR - Krishi Vigyan Kendra, Hirehalli, Tumakuru on 10th March 2023, sponsored by Karnataka Renewable Energy Development Ltd., Bengaluru. The programme started with ICAR, IIHR Song and Raita Geete. Lead Speaker Dr. R. Suresh, Professor, Department of Mechanical Engineering, PI Bio Fuel Project, SIT College, Tumakuru inaugurated the workshop in presence of K. N. Jagadish, Subject Matter

Specialist, ICAR-KVK, Hirehalli and other resource persons.

In introductory remarks K.N. Jagadish stressed the need for efficient use of renewable energy like solar and wind energy and utilization of these resources will ease the pressure on hydro-electricity, which is in scarcity. He also emphasised the role of energy requirement for agricultural production, energy wastage is a big concern, need to be addressed comprehensively and access to source of energy by all sections of society is a matter of concern.

Dr. R. Suresh, as lead speaker explained in detail about the advantages of Use of bio-fuel, energy efficiency in tractors, pumpest and value added products viz., Neem and Pongamia Cake in agriculture. Bureau of Energy Efficient Pumps in agriculture, usage of renewable energy and water conservation methods that farmers need to practice.

Shri. H.S. Lakshmikantha, Director, ORDER, NGO, shared his experience of working with NABARD in Dryland Horticulture and water harvesting structure and also tree planting in Tumakuru and Shri Padmaraju, Freelance Newspaper Author, Thovinakere, Tumakuru District shared his experiences of water conservation on community basis through Watershed Project Govt. of Karnataka, operational from 2008 to 2016 in Thovinakere cluster villages, Koratagere Taluk, Tumakuru District which was funded by Govt. of Karnataka. He also explained the advantages of preservation of rain water through farm ponds and check dams.

Booklet and pamphlet on renewable energy, agricultural pump sets and water conservation were distributed during the workshop. About 114 farmers from Tumakuru district participated in the workshop. The Programme anchoring was done by Shri Siddananjappa N., Retd. Manager at HMT, Tumakuru and Shri. A.G.Harisha gave vote of thanks. Finally programme ended with National Anthem. This Programme was coordinated by K.N.Jagadish and Dr. N.Loganandhan, Head, KVK, Hirehalli, Tumakuru.

Sponsored Training on Small Mushroom Grower at ICAR-KVK Hirehalli



Twenty five days Skill development training programme on “Small Mushroom Grower ” was inaugurated on 13th March 2023 at ICAR - Krishi Vigyan Kendra, Hirehalli, Tumakuru. The programme was inaugurated by Dr. Sanjay Kumar Singh, Director, Indian Institute of Horticultural Research, Bengaluru. Shri Raghu, H, DDH, Tumakuru briefed about the importance of mushrooms and availability of different schemes for mushroom growers. Dr. Loganandhan, N, Principal Scientist and Head, KVK, Hirehalli highlighted the importance of mushroom cultivation for both

employment generation and to achieve nutritional security of the family. In addition he briefed about the training programme and advised trainees to make use of this opportunity to become successful entrepreneur. This programme was sponsored by the Agricultural Skill Council of India. 25 trainees have enrolled for Small Mushroom Grower from in and around Tumakuru district. Shri Ramesh, P.R, SMS (Soil Science) and Shri Prashanth.J.M SMS (Horticulture) were also present in inaugural programme. The programme was coordinated by Smt Radha R Banakar, SMS (Home Science), KVK, Hirehalli.

ICAR- KVK, UDUPI

State level Krishi Mela-2023



ICAR - Krishi Vigyan Kendra, Brahmavar, Udupi Dist, Natural farming Project (Zonal-10), ZAHRS, Brahmavar in association with Herga Agricultural Service Co-operative Society, Parkala, Vanilla development trust (Reg), Hiriyaadka, Palli Shrinivasa Hedge Charitable trust, Hiriyaadka and Zilla Krishika Sangha, Udupi organized "State level Krishi mela-2023" at Hiriyaadka from 03.03.2023 to 05.03.2023.

Shri. Kishore Kumar Kodgi, President, CAMPCO, Mangalore, inaugurated the programme. After the inauguration he

he advised the young generations to go for Animal husbandry, Fish farming and other agricultural related activities instead of corporate jobs. He also opined that, instead of popularizing the areca growing, it is better to promote multi cropping system and also establishment of vanilla production may helps the farmer to double their income. Shri Suresh Naik, President, Bommarabettu Grama Panchayath, Presided over the function. Shri Dinakar Shetty, President of Herga Agricultural Service Co-operative Society, Parkala inaugurated the exhibition stalls.

Dr. B.Hemla Naik Director of Extension, KSNUAHS, Shivamoga did the visionary speech during the programme. Meanwhile selected farmers who are into agriculture since from their birth and not recognized by others were honored by Shri Kuyiladi Suresh Nayak, president, State bus owners Association Federation. Dr Mruthyunjaya C. Wali, Director of Research, KSNUAHS, Shivamogga, Dr. Laxmana, Associate Director of Research, ZAHRS, Brahmavara, Smt Bhuvaneshwari, DDA, Udupi, Smt Seetha, JDA, Udupi, Smt Shyama Kundar, former member of National commission of women and other deligates were present in the programme. Shri Palli Nataraj Hegde, President, Krishi Mela Samithi made introductory remarks about the mela, Shri Bantakallu Ramakrishna Hegde, welcomed the dignitaries and Nalini M.R, Lecturer, Co-ordinated the programme.

Different technical sessions on Natural farming and organic farming, production technologies of Horticultural crops, Schemes of different departments, Animal husbandry & Fish farming, preparation of local dishes were organized during 3 days of Krishi Mela.

Awareness Programme on Natural Farming

Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvacki, Shivamogga, ICAR-New Delhi, ICAR-Krishi Vigyan Kendra, Brahmavar, Udupi Dist, conducted oneday awareness programme on Natural farming on 25.02.2023 at KVK, Brahmavar. Dr. B. Dhananjay, Senior Scientist and Head, KVK Brahmavar explained about the activities of KVK and cultivation aspects of Black pepper and its management. Shri Shailesh Bhat, Senior Research fellow, Natural Farming, ZAHRS, Brahmavar explained about preparation of different astras in Natural farming and also nutrient management in Natural farming. Miss. Swathy Shetty Y, Research Associate (Plant Pathology), Natural farming, ZAHRS, Brahmavar, trained farmers about management of pest and diseases in coastal crops through Natural farming and organic farming. FPO farmers from Sagara district participated in the programme.





ICAR- KVK, UTTARA KANNADA

International Women's Day 2023



ICAR- Krishi Vigyan Kendra in association with Karnataka State Department of Agriculture and ATMA Sirsi organized International Women's Day on 08.03.2023 under the theme "DigitAll: Innovation and technology for gender equality" at KVK Sirsi. Dr Roopa S. Patil, Scientist (Plant Protection) briefed about significance and history of International Women's Day and also gave information about opportunities for women empowerment in Uttara Kannada district. Programme was inaugurated by Shri. T. H. Nataraj, DDA, Sirsi and highlighted on online marketing, schemes

available under processing and value addition in agriculture department. Chief Guest, Smt. Ganga Hegde Hosuru, progressive farm women and expert in value addition of BAKAHU explained in detail about her journey and made special mention about women Entrepreneurship. To achieve this, support from both family members and developmental departments is very much required. She also expressed her association with ICAR-KVK Uttara Kannada Sirsi in expanding value addition of BAKAHU through ARYA and RKVY projects Dr. Manju M. J., Senior Scientist and Head, in his presidential remarks explained the role of women and her determination in carrying out different activities at a time. Many pivotal positions in different fields across India are occupied by women. He also requested the gathering to make best use of training programmes on IGA organized at KVK to increase their family income. On the eve of women's day mushroom recipe competition was organized and felicitated Smt. Ganga Hegde for her success in value addition. The programme was organized by Dr. Ravi. Y. Scientist (Home Science), KVK Sirsi.

ICAR- KVK, VIJAYAPURA

Celebration of international women's day



IICAR-Krishi Vigyan Kendra, Vijayapur - 1 in collaboration with Jai Kisan (Juwari) seeds organized International women day-2023 on 13.03.2023. The main objective of the programme was to impart training to farm women on dairy farming and vermi-compost production at various gram panchayats so as to ensure the self-sufficiency of milk production and vermi-composting at farm level for sustainable crop production in the district. The Associate Director of Extension, AEEC, Vijayapur Dr.R.B.Belli said that bringing women into technology, results in more creative

solutions and has greater potential for innovations that meet women's needs and promote gender equality. Mr. Sangamesh Pujar, Deputy Manager, Juwari seeds addressed that the farm women should concentrate on "DigitALL: Innovation and technology for gender equality" and "innovation and technological change and education in the digital age for achieving gender equality and the empowerment of all women. Dr.Vivek S Devaranavadi concluded the programme. Total 64 farm women participated in the programme.





ICAR- KVK, VIJAYAPURA-II

Field Day on Sunflower under CFLD-NMOOP



A Field Day on sunflower was organized in the field of Sri.Suresh A., Shivapur, a progressive farmer from Korhalli village of Sindagi taluka on 06.03.2023. In Korhalli village 20 demonstrations were taken up as a part of CFLD-NMOOP on Sunflower out of which 10 demonstrations were provided with RSFH-1887 hybrid seeds @ 2kg/acre. Further, another 10 demonstrations were taken on nutrient management for sunflower and farmers were given the inputs like Gypsum @ 40 kg/acre and zinc sulphate 5 kg/ acre. Dr. Savita B. Scientist (Soil Science),

ICAR-Krishi Vigyan Kendra , Vijayapura-II (Indi) explained detail in detail about sunflower crop production technology (RSFH-1887 Hybrid) to the farmers. Sri.Suresh expressed that in new variety of sunflower i.e., RSFH-1887 seed setting is very good and disease incidence is less as compared local hybrid of sunflower. Further, this hybrid expected to give yield around 6-8 quintals per acre. Around 40 farmers benefitted by the programme. All farmers were taken to the demonstration field and they were shown both RSFH-1887 hybrid and private hybrids. The programme was ended with vote of thanks by Sri. Anilkumar, Korhalli Village.

ICAR- KVK, WAYANAD

Workshop on Petroleum Conservation



ICAR - KVK Wayanad conducted one day Agriculture workshop on petroleum conservation and use of agriculture equipments at Puthenkunnu. The programme was inaugurated by Panchayath President Smt. Sheela Punchavayal. Welcome speech was delivered by Dr. Safia N.E, Programme Coordinator, KVK Wayanad. Demonstration on the use petroleum run agricultural implements were conducted by Mr. Joseph Paul, KAICO Ltd in the workshop. Importance on the use of microirrigation systems and crop management were dealt by Smt. Ashitha M.R, Assistant

Professor. A total of 36 farmers participated in the workshop. Vote of thanks was given by Sri. Rajamoni K.S, Scientific Officer, KVK Wayanad.

Training on Integrated Disease Management of Pepper and Ginger



ICAR - KVK Wayanad organized one day training programme on Integrated Disease management of pepper and ginger at KVK seminar hall. Smt. Neethu Parameshwaran, field officer in charge, Spices Board, Kalpetta welcomed the gathering. Presidential address of the programme was given by Dr. Safia N E, Programme Coordinator, KVK Wayanad. Smt. Hafsath C K, President, Ambalavayal Grama panchayath inaugurated the programme. Dr. Sreenivasan V, Principle Scientist, IISR, Calicut dealt the session on crop management of pepper

and ginger. Smt. Ashitha M R, Assistant Professor (Horticulture), KVK, Wayanad delivered vote of thanks. 66 farmers actively participated in the training programme.





WATERSHED BASED INTEGRATED FARMING SYSTEM



ICAR Krishi Vigyan Kendra exhibited live model on Watershed based Integrated Farming System at State level Agricultural Exhibition and secured first best stall award





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