



समृद्धि



ICAR-ATARI
Bengaluru

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Director's Message

One Health as our motto.

One Health is a collaborative, multisectoral, and transdisciplinary approach working at the local, regional, national, and global levels with the goal of achieving optimal health outcomes recognizing the interconnection between the eco-system of people, animals, plants, water, soil and their shared environment. KVKs work towards this goal of achieving pollution free water bodies, soil, plant, animal, human and environment health.

KVKs commitment and leadership, including prioritization and allocation of resources that are distributed in equitable ways, are essential for the successful implementation of the integrated One Health mission. Through technology application, demonstration and capacity development for *in-situ* conservation, minimising fertiliser and pesticide usages through promoting precision farming practices KVKs ensure the mission one Health with appropriate technological empowerment and human resource development

However, we need to recognize that our commitment to implement it successfully will address human, animal, and ecosystem health, including other issues like biodiversity loss, clean air and energy, the impact of climate change, food and water security, and social inequalities. Therefore, let us recognise the advantages embed in improving health for all, social and environmental protection, and support sustainable economic development and resilience. Our flagship programmes like NICRA, Natural Farming, Swachhta campaign, DFI, soil health cards etc, are the milestones in the mission One Health. I appeal all my KVK colleagues to take forward the benefits embedded in these programmes to ensure soil, water, plant, animal, human and environment health for a happy and healthy life of all.

(V. VENKATASUBRAMANIAN)

Secretary (DARE) & Director General (ICAR) visits KVK Dharwad

Dr. Himanshu Pathak, Secretary (DARE) & Director General (ICAR) along with Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru visited ICAR-Krishi Vigyan Kendra, Dharwad on 11.06.2023.

Dr. Himanshu Pathak, in his address expressed that, KVK is a miniature of all the technologies related to agriculture and allied sectors and complimented the KVK for doing good work. He suggested the scientists disseminate new technologies to the farmers for the upliftment of the farming community. During the visit, DG, ICAR also interacted with Shri Ramanna Nandanawadi, a progressive farmer and Shri Veeresh Dharwad, young progressive farmer.



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भाकृअनुप - कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान

ICAR-Agricultural Technology Application Research Institute

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Secretary (DARE) & Director General (ICAR) visits KVK Dharwad

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Dr. A. S. Vastrad, Director of Extension, UAS, Dharwad and Dr. M.S. Biradar, Senior Scientist and Head, ICAR-Krishi Vigyan Kendra, Dharwad welcomed the dignitaries

Dr. A. S. Vastrad highlighted the major achievements of six KVKs of UAS, Dharwad. DG, ICAR planted an auspicious/holy plant at KVK farm, visited museum, soil and water testing laboratory and interacted with scientists and farmers.



Dr. V. Venkatasubramanian expressed his gratitude to the Director General for visiting KVK, Dharwad and explained about major activities carried out by all the KVKs of Zone-XI



DG, ICAR visited various units and exhibition including turmeric grinding machine, poultry hatchery unit, onion de-topping machine, honeybee hives, major agriculture and horticultural crops, processed millet products and other innovative technologies. Dr. S. A. Gaddanakeri, Associate Director of Extension, UAS, Dharwad and Dr. Shripad H. Kulkarni, Nodal Officer (KVKs), UAS, Dharwad accompanied the dignitaries



Hon'ble MoS Sushri Shobha Karandlaje interacted with KVK Heads and felicitated Ex DDG (AE) Dr. P. Das



Sushri Shobha Karandlaje, Hon'ble Union Minister of State for Agriculture and Farmers Welfare, Govt. of India, New Delhi interacted with senior scientists and heads of KVKs of Karnataka, Kerala and Lakshadweep at ICAR-ATARI Bengaluru on 24 June 2023.

Dr. V. Venkatasubramanian, Director ICAR-ATARI, Bengaluru welcomed Hon'ble MoS and briefed about various KVK activities in processing and value addition.



All the heads of KVKs shared the initiatives and achievements of their respective KVKs in secondary agriculture with Hon'ble MoS. Hon'ble MoS appreciated the efforts made by KVKs in different aspects of agricultural production and technology transfer, and advised to give more focus on processing, value addition and marketing of products for larger benefit of farming community.



Sushri Shobha Karandlaje, Hon'ble Union Minister of State for Agriculture and Farmers Welfare, Govt. of India, New Delhi felicitated Ex DDG (AE), ICAR, New Delhi Dr. P. Das in the presence of Dr. U. S. Gautam, DDG (AE), ICAR, New Delhi at ICAR-ATARI Bengaluru on 24 June 2023. Dr. P. Das during his remarks emphasized on need of research projects such as yield gap analysis, mainstreaming non-productive large animals into production, development of nutrismart villages for showcasing larger impact of KVK activities. Dr. U. S. Gautam, DDG (AE) advised the KVKs for better documentation of impactful KVK activities, data generation and its publication for greater visibility of KVK activities

KVKs Zonal Workshop 2023



KVKs Zonal Workshop 2023 on “Technologies for strengthening secondary agriculture for entrepreneurship development” was organized by ICAR-Agricultural Technology Application Research Institute, Zone XI, Bengaluru in collaboration with University of Agricultural Sciences, Bengaluru during 20-21 June 2023 at UAS Bengaluru. Workshop was inaugurated on 20 June 2023. Dr. V. Venkatasubramanian, Director, ATARI Zone XI gave introductory remarks by saying agriculture generates raw materials that meet basic human requirements and is considered as a primary economic activity. Certain alternative agriculture activities like beekeeping, mushroom cultivation, backyard poultry, etc., which fall under the ambit of secondary agriculture. Secondary agriculture helps in using all

parts of an agricultural produce, processing to enhance shelf-life, increasing total factor productivity and generating additional jobs and income for farmers. The Director emphasized KVKs should demonstrate the new and innovative technologies released by ICAR institutes to build confidence in the farmers with the latest technologies

The Chief Guest of the workshop, Dr. S. N. Sushil, Director, NBAIR, Bengaluru told KVK system is a pillar of agriculture and technologies reach to the end users through KVK system. He said that secondary agriculture can interact in space and/or time to achieve benefits through a synergistic resource transfer among enterprises. Hence, strengthening secondary agriculture for entrepreneurship development plays a vital role. He also told that NBAIR has 47 commercialized technologies in insect management, KVKs should make use of these technologies for the benefit of the farming community.

The President of the workshop, Dr. S. V. Suresha, Vice- Chancellor, UAS, Bengaluru told that KVKs are the mouth piece of the universities. Upgrading the latest technologies in the research and extension is a part of curriculum. Hence, training and workshops are part of the mandate activities. He also told that the change in demand for value-added goods and the region's diverse supply base, secondary agriculture has a huge amount of potential. The goal of strengthening secondary agriculture through entrepreneurship development in the form of a cluster strategy is to add value to primary agricultural products to meet market demands.

Several publications were released on the occasion. Dr. V. L. Madhuprasad, Direction of Extension, UAS, Bengaluru, Dr. K. T. Gurumurthy, Director of Extension, KSNUAHS, Shivamogga, Dr. Jacob John, Director of Extension, KAU, Thrissur and Senior Scientists & Heads of 48 KVKs of Zone XI graced the occasion.



Two days workshop involved lecture cum field visits to natural farming demonstrations, post harvest and processing technologies on millets, fruits and vegetables, technological interventions in sericulture, bakery production technologies at UAS Bengaluru, technologies on fruit and vegetable crops at ICAR-IIHR Bengaluru, and visit to ICAR-NBAIR Bengaluru.

Interface meeting

Interface meeting under the chairmanship of Dr. U. S. Gautam DDG (AE), ICAR, New Delhi in the holy presence of Pujyashri Adrishya Kadasiddeshwara Swamiji, Chairman, KVK Kolhapur was organised on 21.6.2023. The Vice Chancellors of UAS (Bengaluru), UAS (Dharwad), UAS (Raichur), KSNUAHS (Shivamogga), KVAFSU (Bidar), UHS (Bagalkot), Ex-Vice Chancellors of UAS (Bengaluru) and KNSUAHS (Shivamogga), Directors of Extension of SAUs, Directors of ICAR institutes, Heads of Regional Stations of ICAR Institutes, Senior Scientists & Heads of 48 KVKs of Zone XI, Directors of ATARIs and Special invitees participated in the meeting



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KVKs Zonal Workshop 2023

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The programme was inaugurated by lighting the lamp by his Holiness Pujyashri Adrishya Kadsiddheshwar Swamiji and Dr. U. S. Gautam, DDG (AE), ICAR, New Delhi. Dr. M. J. Chandre Gowda, Principal Scientist, ATARI Bengaluru welcomed the august gathering. Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru briefed about the purpose of the meeting. In his opening remark, Dr. U. S. Gautam, DDG (AE) stressed for publication with innovative ideas and creativity in the work and KVKs should use ICT tools and motivational media to create enthusiasm in the farmers. He also pointed out the government and ICAR wants to work in convergence mode, to make use of technology for generating income. The ICAR sanctioned 300 drones to different KVKs, hence drones can be used all around the year for different activities. He also pointed that how many recommendations made by KVK have been accepted in the package of practices by the universities or any competent agencies. He also raised the points on development of feedback mechanism of released technologies and varieties popularized by KVKs in area spread, employment generation and enhancing farmers income. Chairman initiated the discussion and conducted the proceedings. All dignitaries interacted, discussed and arrived at the following concluding points.

- Data generated by the KVKs need to be processed scientifically for publication in reputed journals and presented to policy makers.
- KVKs need to act as One Stop Solution (Single Window) for all the technological problems faced by the farmers and other stake-holders.
- The KVK farms should be effectively utilized for generating income through revolving fund.
- The regular dialogue between SAUs, ICAR Institutes and KVKs need to be arranged for effective technology backstopping and its dissemination.



The certificate of trademark “SAMRUDDHI” registered on the name of ICAR-ATARI Bengaluru for marketing the technological inputs produced by KVKs as well as farmers including FPOs and publications like book, newsletter, KVK TIMES and folders were released during the meeting.



His Holiness Pujyashri Adrishya Kadasiddheshwara Swamiji blessed the KVKs and advised to concentrate on post-harvest technology, processing and value addition specially to increase the income of the farmers on real basis. Further he suggested to demonstrate various technologies related to natural/ organic farming which can be replicated by farmers. Dr. M. J. Chandre Gowda, Principal Scientist, ATARI Bengaluru coordinated the program.

Annual review cum action plan meetings of KVKs under Zone-XI

The annual review cum action plan meeting of 48 KVKs of Zone-XI comprising Karnataka, Kerala and Lakshadweep was conducted in three phases. During the meetings, the progress of KVKs for the year 2022 were reviewed, and action plans for the period 2023-24 were discussed and finalized. Presentation of individual KVK was reviewed by the experts from respective Agricultural Universities, ICAR Institutes and ICAR - ATARI, Bengaluru. Details are given below:

Phase-I: Three-days action plan cum review meeting of 16 KVKs under the jurisdiction of Directorate of Extension, UAS, Dharwad, UAS, Raichur and UHS Bagalkot viz., Bagalkote, Belagavi-I, Belagavi-II, Dharwad, Gadag, Haveri, Uttara Kannada, Vijayapura-I, Vijayapura-II, Ballari, Bidar, Kalaburagi-I, Kalaburagi-II, Koppal, Raichur and Yadgir was organized at UAS Raichur during 17 to 19 April, 2023. The meeting was inaugurated in the presence of Hon'ble Vice Chancellor Dr. M. Hanumanthappa, Dr. M.G Patil, Director of Education, UAS Raichur, Dr. B.K. Desai, Director of Research, UAS Raichur, Directors of Extension of UAS Raichur and UHS Bagalkot Shivamogga. Dr. M. K. Naik, Director of Extension, UAS, Raichur,



in his introductory remarks highlighted the emerging and challenging roles of KVKs in the changing agriculture scenario in the country. He further appealed all KVKs to work hard with strong commitment towards discharging their responsibilities in convergence mode with different stakeholders in the region. Dr. M.K. Naik, Director of Extension, UAS, Raichur, Dr. M. J. Chandre Gowda, Dr. D.V.S. Reddy, Principal Scientists and Dr. M. B. Hanji, CTO, ICAR-ATARI coordinated the meeting



Phase-I: Three-days action plan cum review meeting of 16 KVKs under the jurisdiction of Directorate of Extension, UAS, Dharwad, UAS, Raichur and UHS Bagalkot

Phase-II: Three-days action plan cum review meeting of 15 KVKs of Kerala and Lakshadweep viz., Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod,

Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad and Lakshadweep was organized at KAU, Thrissur during 24 to 26 April 2023. The meeting was inaugurated in the presence of Dr R. Dinesh, Director, ICAR-IISR Kozhikode and Dr Jacob John, DE, KAU Thrissur. During inaugural session, Dr R. Dinesh, Director, ICAR- IISR praised the successful roles of Zone – XI KVKs especially on cluster demonstrations, document on DFI, Drone demo, etc. He also emphasised for conducting this meeting with parallel sessions for review and action plan more detailed discussions. Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru joined the programme on 25th April and provided guidance during presentation by KVK experts. He also alarmed the need to focus on Govt's new initiatives and wild animal management to protect the crops from damage by them. He also inaugurated the Exhibition cum awareness programme on Millets and it's value addition. Dr. P. Ratha Krishnan, Head KVK Kozhikode, Dr. B.T. Rayudu and Dr. Thimmappa K., Principal Scientists of ICAR-ATARI coordinated the meeting



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Annual review cum action plan meetings of KVKs under Zone-XI (Continued from page 6)



Phase-II: Three-days action plan cum review meeting of 15 KVKs of Kerala and Lakshadweep

Phase-III: Three-days action plan cum review meeting of 17 KVKs under the jurisdiction of Directorate of Extension, UAS, Bengaluru and UAHS, Shivamogga viz., Bengaluru Rural, Chamarajanagara, Chikkaballapura, Hassan, Kolar, Mandya, Mysuru, Ramanagara, Tumakuru-I, Tumakuru-II, Chikkamagaluru, Chitradurga, Davanagere, Dakshina Kannada, Kodagu, Shivamogga and Udupi was organized at GKVK Campus during 24 to 26, April 2023. Meeting was inaugurated in the presence of Dr. S. V. Suresha, Hon'ble Vice-Chancellor, UAS, Bengaluru, Dr. V. Venkatasubramanian, Director, ATARI, Bengaluru, Directors of Extension of UAS Bengaluru, UAHS Shivamogga and KVAFSU Bidar. In his inaugural address, Dr. S. V. Suresha proposed an idea to discuss at ICAR level to increase the number of KVKs in the big districts increase the efficiency and better coverage in reaching the



farming community. Further, he suggested to propose the Action Plan based on the problems to be addressed in the locality. He also highlighted the importance of secondary agriculture in present scenario and suggested all the KVKs to take up more number of need based outreach activities and he also flagged the major challenges to be addressed by KVKs for the betterment of farming community. Dr. V. Venkatasubramanian, ICAR-ATARI, Zone-XI, Bangalore, motivated the scientists participated in the workshop and addressed to promote Farmer Producers Organisation. Dr. V. L. Madhuprasad, Director of Extension, UAS, Bengaluru, Dr. D.V.S. Reddy, Principal Scientist and Dr. D. V. Kolekar, Scientist ICAR-ATARI coordinated the event.



Phase-III: Three-days action plan cum review meeting of 17 KVKs under the jurisdiction of Directorate of Extension, UAS, Bengaluru and UAHS, Shivamogga

Trademark “Kisan Samriddhi”

The certificate of trademark “SAMRIDDHI” registered on the name of ICAR-ATARI Bengaluru for selling the technological inputs and products produced by KVKs and farmers.



Green Cardamom



Lemon Grass Oil



Trademark certificate

Bringing Fresh Harvests to Your Door Step

“Web based platform for marketing products of KVKs and farmers”



OBJECTIVES

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

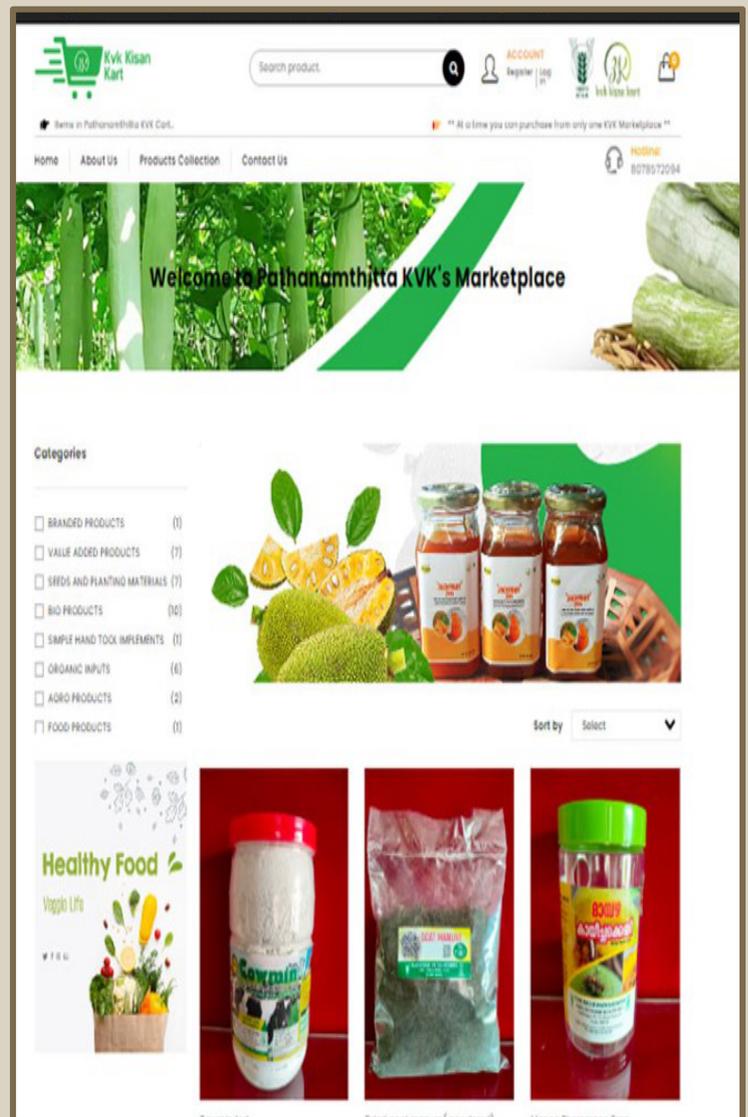


Fig value addition through SHGs

Products

- Lakshmi Sai's Natures products
- MRB fresh anjur bars
- Shri Anjaneya fig bars
- Jaya Shree fig bars
- Nutri power
- BMB fig bars
- GMO fig rolls
- LKS fig bars
- Praveen's fig rolls
- Sri Sai fig rolls
- Sri Ram fig rolls
- Fiesta fig rolls
- Swecha fig rolls



KVK Ballari trained 160 women from SHGs are getting average annual income of Rs. 60000 per person. Post harvest losses off fig fruits has reduced to zero.

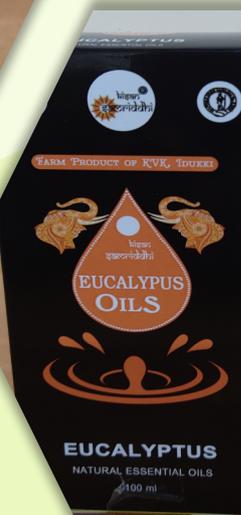


Spices Value Added Products from KVK Idukki

Green Cardamom
Cardamom Seeds
Cardamom Drops
Cinnamon Drops



Clove Drops
Black Pepper
Lemon Grass Oil
Eucalyptus Oil



Sushri Shobha Karandlaje, Hon'ble MoS for Agriculture and Farmers' Welfare visits KVK Lakshadweep



Sushri Shobha Karandlaje , Hon'ble Union Minister of State for Agriculture and Farmers' Welfare, Govt. of India visited KVK Lakshadweep on 28.6.2023 and discussed with members of Self Help Group and young entrepreneurs promoted by KVK Lakshadweep.



Hon'ble MoS also inaugurated the exhibition organized by fishermen and interacted with them to know the specific problems faced by them.

Hon'ble Minister planted a sapling during the visit. Dr V. Venkatasubramanian , Director, ICAR-ATARI, Bengaluru, Dr. Anant, Senior Scientist and Head KVK Lakshadweep and District Collector Lakshadweep were also present during the occasion .



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

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