



# KVK



# TIMES



Volume 2 | Issue 33  
1-15 November 2024

A window to KVKs of  
ICAR ATARI Zone – XI  
Bengaluru



ICAR JSS Krishi Vigyan  
Kendra Suttur, Mysuru

ICAR ATARI  
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# KVK TIMES

Fortnightly publication of ATARI, Bengaluru  
Volume 2 | Issue 33 1-15 November 2024

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Special Thanks to

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Scientist  
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Bengaluru



## MESSAGE

KVK, is an integral part of the National Agricultural Research System (NARS), aims at assessment of location specific technology modules in agriculture and allied enterprises, through technology assessment, refinement and demonstrations.

KVKs have been functioning as Knowledge and Resource Centre of agricultural technology supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district and are linking the NARS with extension system and farmers.

I am feeling very proud and happy about ICAR JSS Krishi Vigyan Kendra, Suttur, Mysuru district for their constant dissemination of technologies to the farming community across the district and helping out the farmers in adopting the same. I appreciate the initiatives of ATARI Zone-XI to show case the activities of all KVKs of the zone which helps in cross learning among KVKs.

I congratulate ICAR JSS Krishi Vigyan Kendra for bringing the 33rd issue of KVK TIMES of Zone-XI for this fortnight from 1-15 November 2024. My sincere thanks to Dr. V. Venkatasubramannian, Director, ICAR-ATARI, Bengaluru Zone-XI for his constant support in carrying out the KVK activities. I also extend my thanks to Dr. K. T. Gurumurthy Director of Extension, KSNUAHS, Shivamogga for their constant encouragement to our KVK activities.

I praise the attempt of Dr. B.N. Gnanesh, Senior Scientist and Head, ICAR JSS Krishi Vigyan Kendra, Suttur and all the staff of the KVK in bringing the Vol 2, 33rd issue of KVK TIMES.

My best wishes to the KVK fraternity for their future tasks.



Sri N.M. Shivashankarappa  
Director Rural Development Division  
JSS Mahavidyapeetha, Mysuru

Date : 15 November 2024

Place : Mysuru



**ICAR-Agricultural Technology Application Research Institute, Zone XI**  
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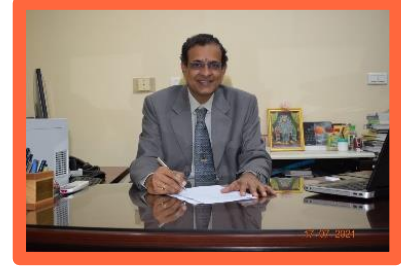
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**डॉ। वी। वेंकटसुब्रमण्यन**

**Director**

**निदेशक**



## MESSAGE

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

A first of its kind virtual platform, KVK TIMES which documents fortnightly activities of each of the 48 KVKs of Zone-XI is gaining a real momentum. The news items covered in issues made an impact that is long lasting. Most of the news items published in the TIMES has got the potential of cross learning among KVKs and worth reading. This should boost the morale of all of us and many such noteworthy efforts of our fraternity in the zone.

I am happy that KVK Mysuru is bringing up the 33 issue of second volume of KVK TIMES covering the 1st fortnight of 1-15 November 2024. I congratulate the KVK fraternity of Zone XI specially Dr. B.N. Gnanesh, Senior Scientist and Head and his team of KVK, Mysuru for bringing out this unique edition of KVK Times.

(V Venkatasubramanian)

Bengaluru

15 November 2024





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Dr. K. T. Gurumurthy, Ph.D.(Agri.), M.Sc. (Agri.)  
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## MESSAGE

Krishi Vigyan Kendra is a noble concept developed and funded by the Indian Council of Agricultural Research (ICAR), New Delhi. KVKs are working under the administrative control of ICAR, SAUs, Central Universities and NGOs. The KVKs mainly aim at the transfer of technology from the laboratory to the farmer & field with respect to important fields of agriculture, viz. Crop production, Plant Protection, Horticulture, Livestock Production and Management, Farm Engineering, Soil Water Conservation, Home Science and allied fields. They are directly working for rural development through the transfer of technology. The Improved technologies developed by ICAR and SAUs are transferred to the farmers field through On Farm Trials (OFTs), Frontline Demonstrations (FLDs), Trainings and Extension activities such as Kisan goshthies, Farmer fairs, etc.

Nowadays agriculture is not only farmers occupation; it is growing as an agribusiness for both rural as well as urban areas. In the present scenario farmers are educated, intelligent, attentive, skilled and eager to learn new things that may help in their work. They are using the most modern technologies for better production and marketing of their produce. Hence, agriculture is flourishing as an agribusiness, and it has a better potential to uplift the socio-economic status of rural communities. In this way, KVKs are playing an important role in agricultural and rural development through all the above mentioned activities. The unique idea of showcasing various activities of KVKs through a fortnightly newsletter, KVK Times of ATARI Zone XI is highly appreciable. I also congratulate the Head and entire team of ICAR-JSS KVK, Mysore for their genuine effort in compilation of activities of Karnataka, Kerala and Lakshadweep KVKs by bringing out the 33<sup>rd</sup> issue volume 2 of KVK times. I wish them the very best in all their future endeavours.

Director of Extension

## ACKNOWLEDGEMENT



I take this opportunity to express my heartfelt gratitude to Dr. V. Venkatasubramanian, Director and all the nodal scientists and staff of ICAR ATARI, Zone-XI, Bengaluru for providing us an opportunity to bring out Volume II 33<sup>rd</sup> issue of KVK TIMES of Zone-XI for this fortnight from 1-15 November 2024.

I sincerely thank His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, Sri Veerasimhasana Mahasamsthana Math, Suttur and Dr. C.G. Betsurmath, Executive Secretary, Sri. N.M. Shivashankarappa, Director, Rural Development, JSS Mahavidyapeetha, Mysuru and Sri. S.P. Udayashankar, Administrator, JSS Institutions, Suttur for his constant guidance and advice for the overall development of KVK.

I would also like to thank Dr. K. T. Gurusurthy, Director of Extension, Keladi Shivappa Nayaka University of Agriculture and Horticulture Sciences, Shivamogga for his technical support and constant encouragement of our KVK activities.

I would like to have special thanks to the Zone-XI KVK family in sharing the activities and continuous support for compiling the final edited issue of KVK TIMES for the first fortnight of November 2024.

I profusely thank all the staff of ICAR JSS KVK for their valuable suggestions to bring out this issue. I also thank, Sri. N. Kumaraswamy, Computer Programmer for design and compilation of 33<sup>rd</sup> issue of KVK TIMES very attractively.

Date : 15 November 2024

Place : Mysuru

**Dr. B.N. Gnanesh**

Senior Scientist and Head  
ICAR JSS Krishi Vigyan Kendra  
Suttur

## GLIMPSE OF SUTTUR SRIKESHTRA



Adi Jagadguru Sri Shivaratri  
Shivayogigalavara  
Sri Gaddige  
Suttur SriKshetra

Sri Suttur Math  
Suttur SriKshetra



Sri NarayanaSwamy Temple  
Suttur SriKshetra





## GLIMPSE OF SUTTUR SRIKSHETRA



Sri Veerabadradaswamy Temple  
Suttur SriKshetra

Sri Someshwaraswamy Temple  
Suttur SriKshetra



JSS School  
Suttur SriKshetra



## GLIMPSE OF SUTTUR SRIKSHETRA



Basaveshwara Boys Hostel  
Suttur SriKshetra

AkkaMahadevi Girls Hostel  
Suttur SriKshetra



Mass Prayer at Sri Gaddige  
Suttur SriKshetra

## GLIMPSE OF SUTTUR SRIKESHTRA



JSS Old age Home  
Suttur SriKshetra

Sri Ganalinga Guest House  
Suttur SriKshetra



Smt. Parvathamma  
and Dr. Shamanuru  
Shivashnakarappa  
Guest House  
Suttur SriKshetra

## GLIMPSE OF SUTTUR SRIKESHTRA



JSS Mangala Mantapa  
Suttur SriKshetra

Sri Rajendra Krupa  
Guest House  
Suttur SriKshetra



Sri Channaveera Deshikendra  
Gurukula  
Suttur SriKshetra





## GLIMPSE OF SUTTUR SRIKESHTRA



Dashoha Bhavana  
Suttur SriKshetra



Host Organization  
JSS Mahavidyapeetha, Mysuru



## GLIMPSE OF SUTTUR SRIKESHTRA

### SRI GADDIGE, SUTTUR SRIKSHETRA



### SRI MATH, SUTTUR SRIKSHETRA



## CONTENTS

SL	KVK	Page No.
1	Alapphuza	1
2	Bagalkot	2
3	Bangalore Rural	3
4	Belgaum1	4
5	Belgaum 2	4-5
6	Bidar	6
7	Chamarajangara	7
8	Chikkamagaluru	8
9	Chikkaballapura	9
10	Chithradurga	10
11	Dakshina Kannada	11
12	Davanagere	12
13	Dharwad	13
14	Ernakulam	13
15	Gadag	14
16	Haveri	15
17	Hassan	16
18	Idduki	16
19	Kalaburagi I	17
20	Kalaburagi II	18
21	Kannur	19
22	Kasaragod	20
23	Kodagu	21
24	Kolar	22

SL	KVK	Page No.
25	Koppal	23
26	Kollam	24
27	Kottayam	25
28	Kozhikode	26
29	Malappuram	27-28
30	Mandya	29
31	Mysuru	29-30
32	Palakkad	31-32
33	Pathanamithita	32
34	Ramanagara	32
35	Raichur	33
36	Shimogga	33
37	Trivandram	34
38	Thrissur	35
39	Tumkur I	36
40	Tumkur II	37
41	Vijayapura I	38
42	Vijayapura II	38
43	Uttara Kannada	39
44	Udupi	40
45	Wynad	41-42
46	Yadagir	43

## Alappuzha

### Inauguration



Office building cum procurement and processing centre of OSFPC inaugurated Onattukara Spices Farmer Producer Company (OSFPC) promoted by KVK-Alappuzha started functioning in 2017 with funding support from NABARD, but the long cherished dream of having an own building was materialized in 2024. The office building cum procurement and processing centre of the FPC, established with support from different Govt. agencies and director board members, was inaugurated on 4th November, 24 by Sri. Saji Cherian, Hon. Minister of the Government of Kerala. The programme was attended by Adv. U. Prathibha, MLA, Adv. M. Arunkumar, MLA, Smt. K. G. Rajeswary, Alappuzha District Panchayath President, and Sri. Baiju N Kurup, CGM, NABARD, Kerala. Associated enterprises of the FPC viz., a seedling production unit and a snack cum catering unit also were inaugurated by the VIPs on the occasion. A brochure detailing the activities of the company also was released. District level officers from Agri Dept, ATMA, Industries Dept, NABARD, and peoples' representatives in the LSGs attended the function. Smt. Rajini Jaydev, Managing Director and Dr. P. Muralidharan, SSH, KVK detailed the

progress of the company from establishment with special mention to the support received from different agencies. About 250 persons including a large number of shareholders attended the function with enthusiasm.

### RAWE Programme



Thirteen B.Sc (Ag) final year students from three Agricultural universities viz., Lovely Professional University, Jalandhar (Punjab), Guru Kashi University, Bhatinda (Punjab) and Theerthankar Mahaveer University, Moradabad (U.P) undertook RAWE programme of five weeks duration from 23rd September to 25th October, 2024 in KVK-Alappuzha. They were exposed to KVK system and its mandatory activities, major crops of Kerala, plant propagation methods, in situ compost preparation, integrated farming system approaches, mushroom cultivation techniques, Natural farming techniques, poultry and livestock management and coconut product diversification. They could also gain practical exposure in open precision farming, handling of land preparation machineries, soil sampling techniques, vertical gardening and the use of coconut climbing machine. The students had hands-on-experience on content development and conduct of training to farmers in on and off-campus modes.



## Bagalkot

### Vigilance Awareness Week



On the eve of Vigilance Awareness Week (VAW), ICAR-KVK Bagalkot conducted a programme at BVV College, Bagalkot on 4-11-2024 to raise awareness about the culture of integrity for national prosperity and administered an integrity pledge. As part of the programme, an elocution competition was organized for degree students, around 28 students were participated.

### Onion FLD Field Visit



On 7<sup>th</sup> and 11<sup>th</sup> November 2024 accordingly, KVK Bagalkot involved in field visits regarding FLD on Demonstration on battery operated onion detopper and training was given on usage of onion detopper equipment and its benefits in drudgery reduction and labour problem and time saving process

### Off Campus Training



On 12-11-2024, KVK Bagalkot conducted off campus training regarding 'Health and Nutrition among Farm Women' at Hallur village of Bagalkot taluk where 28 women participated

### Onion FLD Field Visit



ICAR-KVK, Bagalkot team visited Ingaligi village of Mudhol taluka for the follow-up on gap filling in ratoon sugarcane on 11-11-2024



## Bangalore Rural

### Exposure Visit



ICAR – KVK, Bengaluru Rural District organized an Exposure visit to Krishimela – 2024 at GVKK, UAS, Bangalore on 14.11.2024. University of Agricultural Sciences, Bangalore organized the Krishi Mela-2024 from 14 th to 17 th November 2024 with the theme of ‘Climate Smart Digital Agriculture. The farmers of SC-SP adoptive village Hiremuddenahalli, University adoptive village Doddaraya ppanahalli and neighbouring village farmers were taken to the Krishimela. Farmers were gained the knowledge on newly released varieties and technologies in agriculture and allied subjects, mechanization in agriculture, post- harvest technologies and value addition to the agriculture produce. Totally, 55 farmers were visited the Krishimela.



### CBP – Waste Management



Training programme on Waste management ICAR – Krishi Vigyan Kendra, Bengaluru Rural District in Collaboration with the NGO - Pavithra Rural Development Organization, Nelamangala organized training programme on ‘Solid waste management’ to the rural women from 11.11.2024 to 13.11.2024. Dr. Hanumantharaya, B.G., Senior Scientist & Head inaugurated the programme and also explained the importance of waste management workers in the society. During the programme rural women were trained about the segregation of household waste as dry and wet waste in rural and urban areas and their roles and responsibilities, self-hygienic, importance of Swachchatha activities. Totally, 30 rural women were benefited from the programme.



## Belgaum – I

### PM Vishwakarma Training



ICAR-BIRDS Krishi Vigyan Kendra, Belagavi-1 has conducted training on Fish Net Making from 25-10-2024 to 30-10-2024. The training was sponsored by PM Vishwakarma Scheme. A total of 18 participants were trained on basics of fish net making. In this module, the trainees were also covered on entrepreneurship, digital and financial literacy aspects according to the guidelines of the scheme. The trainees also given practical exposure of fish farming and fish kiosks. After five days of training, final day assessment was carried out by the third-party evaluation team. Upon successful completion, trainees were provided certificate which will be further used for availing the financial support from banks.

## Belgaum – II

### Foundation Day

KLE Krishi Vigyan Kendra, Mattikopp celebrated 109th Foundation Day of KLE Society on 13 November 2024. Dr. Manjunath Chouraddi, Senior Scientist and Head and staff of the KVK

paid a tribute to the founding fathers of the KLE Society popularly known as Saptarishis. Dr.S.S. Hiremath, Scientist (Plant Protection) expressed due to the dedicated efforts of Saptarishis the first Anglo Vernacular School was established at Belagavi during 1916. The success of taking KLE Society to higher heights is also tributed to our beloved Chairman Dr. Prabhakar B. Koreji who have brought the society in forefront by bringing the rural transformation through establishment of schools, colleges and professional education in the rural sector. S.M. Warad, Scientist (Soil Science) performed the vote of thanks.



### RAWE Programme

As a part of learning cum exposure visit of third year B.Sc (Agri) students from University of Agricultural Sciences (UAS), Dharwad visited ICAR-KLEKVK, Mattikopp on 14-11-2024. Dr.S.S. Hiremath, Scientist (Plant Protection) highlighted mandates and overview of KVK activities. Students were exposed to operations and facilities of KVK like Plant Health Clinic, Soil Testing laboratory, Seed Processing Unit and technology museum in order to provide them with practical knowledge and hands on experience. Scientist also shown Beneficial and Harmful insects (Predators and Parasiticides) and explained about their behavioural activities, their application in real field situation. Praveen Yadahalli, Scientist (Horticulture) took the



## Belgaum – II

students to various demonstration units (Vermicomposting unit, Dairy unit, automatic fertigation unit, fruit orchards) established at KVK instructional farm and gave brief explanation of each unit. Drone demonstration was also conducted to enhance their knowledge on advanced agriculture practices. During the event Dr. Manjunath Chouraddi, Senior Scientist & Head, G.B. Vishwanath, Scientist (Agronomy) interacted with students. Dr. Shrinivas Desai, and Dr. Sanjeev Deshpande, Professor, UAS, Dharwad were also present during the visit.



## Awareness Campaign

KVK Belagavi-II organised “Awareness Campaign on Seed Treatment ” in collaboration with University of Agricultural Sciences, Dharwad as a part of Rural Awareness Works Experience (RAWE) for final year B.Sc. Agri students and Dhanuka Agritech Private Ltd, New Delhi at Sutgatti village of Bailhongal taluk. In the introductory remarks, Dr. S.S. Hiremath, Scientist (Plant Protection) highlighted lack of awareness on seed treatments at farmer’s level is one of the limiting factors in disease and pest management and Hence, KVK is regularly organising and making efforts in adopting technologies at

farmer’s level. Dr. Manjunath Chouraddi, Senior Scientist and Head briefed about the benefits of seed treatment and Eco-friendly pest and disease management practices of Rabi crops.

G.B. Vishwanath, Scientist (Agronomy) appraised salient features of different varieties of Rabi crops like sorghum, Chickpea, Wheat and safflower. Dr. Shamarao Jahagirdar, Professor (Plant Pathology), UAS, Dharwad explained disease symptoms of Chickpea and sorghum. Dr. G.N. Maraddi, Professor, Department of Agricultural Extension Education, UAS, Dharwad summarised on Integrated Pest and disease management of Rabi crops with various illustrations. Dr. M.B. Shirahatti, Professor, Agricultural Engineering, UAS, Dharwad witnessed the programme. RAWE students Demonstrated method of seed treatment by using biofertilizers, bio fungicides and pesticides for sorghum and chickpea.

Shri Mallikarjun Tubaki, Former Chairman, Liquor Control Board and BJP Morchas, President and Progressive Farmers was the president of the programme. Farmers were interacted with Scientists on various issues related to agriculture. Shri Santosh Dinnimath, Sales Manager, Dhanuka Agritech Private Ltd., also illustrated on various company products. Vote of thanks was performed by the students. The programme was concluded with national anthem.



## Bidar

### Field Day

On November 8, 2024, the ICAR-Krishi Vigyan Kendra (KVK) in Bidar organized an insightful field day in Yenagunda village, Aurad taluk, focusing on the management of pink bollworm (PBW) in cotton. This event was attended by local farmers, KVK scientists, and agricultural experts, all united to tackle the prevalent pest affecting cotton crops and impacting yields. Mr. Gopal Reddy, a progressive farmer from Yenagunda, shared his experiences and emphasized the critical role KVK Bidar plays in providing timely, accurate information. He noted that the guidance received from KVK experts has helped farmers cut down on pest management costs, resulting in better profitability. Mr. Vithala Reddy also advocated for collective action, encouraging farmers to use PBW gel for effective pest control. Dr. Gynandev Bulla, a scientist at KVK Bidar, gave an informative talk on integrated cultivation practices, stressing the importance of holistic methods in cotton production.

He addressed common challenges, including leaf reddening in cotton, and provided practical solutions. Dr. Sunil Kumar N M, Senior Scientist and Head of KVK Bidar, emphasized best practices for pest management, advocating the use of pest control technology in combating pink bollworm. He urged farmers to adopt an economic approach by spraying pesticides based on necessity rather than routine, ensuring that costs remain sustainable. The field day ended with an interactive session where farmers, including Mr. Dhanaraja Patil and others from Yenagunda and Khashempur villages, received advice on managing pests and diseases effectively. The event empowered farmers with knowledge and techniques for effective PBW management, fostering a collaborative approach to tackling pest issues in cotton cultivation.





## Exposure Visit

Dr. D.V. Kolekar, Scientist from ATARI Bengaluru, visited ICAR-KVK Bidar on 13th and 14th November 2024 to review the ongoing activities and initiatives of the KVK. During his visit, reviewed various programs and projects. On 13th November, Dr. Kolekar accompanied by the KVK Head and scientists, visited the FLD plots of Onion and Ginger at Markhal village. These FLD plots showcased advanced cultivation practices aimed at enhancing productivity and profitability for farmers. He interacted with the farmers in the village, gaining insights into their experiences and challenges. The following day, on 14th November he visited the Red gram FLD plots at Sindankera, where he observed the application of innovative techniques for crop improvement. Later, he visited the AASU Nursery at Gogga, which provides quality planting materials and support to farmers. Dr. Kolekar expressed his appreciation for the efforts in maintaining a well-organized nursery and the services offered to local farmers. The organic farming field impressed Dr. Kolekar show casing sustainable agricultural practices that promote environmental conservation and soil health. Throughout the visits.



## Chamarajangara

### Capacity Building

Five days capacity building program on Natural Farming was conducted from 4.11.2024 to 8.11.2024 for community resource persons of farm livelihood with the objective of providing hands on training to Krishi Sakhis with respect to preparation of bio inputs, identification of pest & diseases in field crops, control measures through preparation, application of concoctions like neemastra, agniastra, Dashaparani. Also, the information pertaining to IFS, seed, planting materials in natural farming, indigenous technologies and multi cropping models coupled with demos on seed conservation. Practical sessions, farmer group discussions were conducted. The Krishi sakhis were provided information pertaining to steps and procedures to be followed during certification and marketing of natural produce. The trainees were given an exposure to natural farming through visit to practicing farmers' plots which paved a way to experience the principles and practices to be adopted during natural farming. The change in knowledge of the participants was assessed at the end of the program



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## Interstate farmers visit

Intersate farmes from Meghalaya Turmeric growers Turmeric growers (24 nos.) of has visited ICAR KVK, Chamarajanagara during 7<sup>th</sup> to 9<sup>th</sup> Nov. 2024. The main purpose is to study the organic farming practices in turmeric crop. As they are cultivating Lakadong Turmeric at Meghalaya, the productivity is less than 4 tons of fresh rhizomes per acre. For this reason in order to improve the productivity and learn organic farming practices in Turmeric production farmers are visited to KVK. The Meghalaya famers visited to organic plots of Sri Yogesh, V.C Hosur, Sri Rajappa, Padaguru village, Sri Shashikumar, Doddatuppuru village, Sri Manjunath, Hardadnahalli and Sri Guru, Kottalavadi. Farmers learnt about preparation of vermin-compost, good quality farm yard manure, vermin-wash, Jeevamrutha, Beejamrutha, Panchagavya, Decomposer and use of cow dung slurry. Understood the importance of green manuring and use of diluted cow urine. In a feedback the farmers are seeking technical support from ICAR KVK, Chamarajanagara for Turmeric cultivation at Kashi hills of Meghalaya and one more batch of farmers visiting KVK during first week of December 2024 to learn organic practices of Turmeric.



## Chikkamagaluru

### INM Training Programme

15 days Certificate Course on Integrated Nutrient Management (CCINM) I.C.A.R.-Krishi Vigyan Kendra, Chikkamagaluru organized 15 days Certificate Course on Integrated Nutrient Management (CCINM) in collaboration with National Agricultural Extension Management Institute (MANAGE), SAMETI, Bengaluru and Agricultural Department, Chikkamagaluru for issuing and renewal of lenience for fertilizer dealers of PACS. in this context the KVK, Chikkamagaluru taken the initiative to organize 15 days certificate course for fertilizer dealers of PACS, Chikkamagaluru district. The programme was Co-ordinated by Dr. Prashantha G.M., Scientist (Soil Science) KVK, Chikkamagaluru. During his opening remarks, he explained syllabus outline of theory and practical classes related to agro climatic zones of Karnataka, soil formation, soil profile, layer, biological, physical and chemical properties of soil, different types of soil in Karnataka, role, and deficiency symptoms plant nutrients in agricultural crops, Integrated nutrient management in agricultural; horticultural crops.



The programme was inaugurated by Dr. M. Shivaprasad, Associate Director of Extn., CoH, Mudigere. He emphasized the importance of this training programme and soil health management. Dr. Suchithra Kumari M.H., Scientist (Plant Protection), KVK, Chikkamagaluru welcomed all the guests and during her welcome speech told that, apply of fertilizer on the basis of soil test result can maintain the fertility of the soil. Dr. Krishnamurthy A.T., Senior Scientist and Head, spoke about Trained fertilizer distributors can be helpful to serve para extension professional. The programme has designed for 15 days “Certificate Course in Integrated Nutrient Management” to equip fertilizer distributors with professional on integrated nutrient management and consultancy services for fertilizer distributors. The first point of contact for farmers is the fertilizer dealer. Farmers depend directly on fertilizer sellers while purchasing fertilizers. Most of the fertilizer dealers do not have scientific knowledge about modern agriculture. Therefore, it is essential to impart technical know-how to the input dealers of Primary Agriculture to advise on soil health management and scientific farming. Dr. Venkatesh Gandhi, Assistant Co-operative Society, Professor, STO, Bengaluru, told that experts in various fields from different agriculture institutes, scientists from research centres shall be imparting their knowledge in the training. This initiative of Krishi Vigyan Kendra will largely benefit the farming community as well as build employment opportunities in agriculture sector. The programme was witnessed by Dr. Sneha S, Scientist (Home Science), Mr. Akash K.P., Facilitator. A total of 30 participants were actively participated and got benefited by this training programme.

## Chikkaballapura

### Field Day

Field day on finger millet KMR-316 was organized by ICAR-KVK, Chikkaballapura on 06.11. 2024 at Appegowdanahalli village of Sidlaghatta taluk. Dr.Sandhya K., Scientist (Soil Science) briefed about important characteristics of KMR-316. Mr. Munendra, progressive farmer shared his experience and performance of KMR-316 in his field. 30 farmers and extension functionaries participated In the programme.



### EDP on Value Addition

ICAR-Krishi Vigyan Kendra, Chikkaballapura organized Entrepreneurship Development Programme on Value addition in Tomato on 12.11.2024. Dr. Papireddy M. Senior Scientist and Head inaugurated the programme and highlighted about the importance of value addition in tomato for increased income. Dr. Soumya Hiregoudar, Scientist (Home Science) explained about different tomato value added products and demonstrated the products like ketchup, pickle and papad and also briefed about packaging, labeling and marketing.



Participants were taken to Common incubation Centre for tomato, other fruits and vegetables processing unit under ODO project, Chintamani. Dr. Aruna G R., Technical officer coordinated the training programme. Folder on Tomato processing and Value addition was distributed to trainees.



## Chitradurga

## Vigilance Awareness Week

Vigilance awareness week from 28-10-2024 to 03-11-2024 with the theme “Culture of Integrity for nations prosperity” under the guidance of Dr. Kumara O., Senior Scientist and Head, KVK, Chitradurga. During the period the integrity pledge was taken by all the KVK staff. Dr. Kumara O. briefed about the importance of vigilance awareness week, which is an initiative of central vigilance commission in fighting the corruption out.



## Vocational training

Diploma horticulture students from Department of Horticulture, Chitradurga district have been deputed to KVK for 21 days training programme from 04-11-2024 to 24-11-2024. Total 21 students have been deputed for the training programme. During the training period hands on training was provided on nursery activities like planting of seedlings, preparation of pockets for planting, acquiring skills of grafting, budding etc,. A guest lecture on marketing activities of horticulture produce was delivered to the students, which helps them to acquire knowledge on e-marketing, access to local markets, price of various horticulture products. During the training programme the students will be guided on entrepreneurial opportunities in horticulture which will enable them to start their own venture and become successful.



## Millet recipe contest

District level recipe contest on Millet based products and Traditional recipes was organised by Department of Agriculture at Joint Director's office on 13-11-2024. Mr. Somashekhar S.J., Chief Executive Officer, Zilla panchayath, Chitradurga inaugurated the programme and during inaugural speech he suggested the participants to develop good eating

habits to maintain good health. Mr. Manjunatha B, Joint Director, Department of Agriculture and Mr. Praveen Chowdhary, ADA, DoA were present in the programme as Chief guests. Dr. Saraswathi J.M., Scientist (Home Science), KVK, participated in the event as a judge to evaluate the recipes.

This programme was organised with the motto of remembrance of traditional and millet based recipes to promote healthy eating habits among the people. Both women and men contestants from different taluka of Chitradurga district have participated in the contest with their prepared recipes. Nearly 46 members have registered for the competition. Prizes were distributed to the participants from Department of Agriculture.



## Dakshina Kannada

### CDP on Coconut

ICAR-Krishi Vigyan Kendra, Dakshina Kannada in collaboration with ICAR CPCRI, Kasargod organised Capacity Development Programme on 08-11-2024 at KVK on Scientific cultivation practices of Coconut for SC Farmers under SCSP Programme. The programme was inaugurated by Dr. Ravi Bhat, Principal Scientist SIC PME cell of CPCRI, Kasargod. Dr.T.J. Ramesha, SSH presided over the function. Mr. Vidish, Taluk Manager, NRLM provided information about livelihood avenues in Agri and allied sectors. Dr. Ravi Bhat from ICAR-CPCRI Kasargod and Dr. Rashmi R. Scientist-Horticulture, KVK, Mangaluru participated as resource persons 35 Krishi sakhis and SC Farmers from Ullal and Mangalore taluks participated in the programme. SC Farmers were provided with 500 coconut Var.-West Coast Tall seedlings.



### Field Day on Rice

ICAR- Krishi Vigyan Kendra, Dakshina Kannada, Mangaluru has celebrated Field Day on 'Study of Traditional Rice Varieties'. Ten traditional rice germplasm with medicinal and aromatic properties features procured from Shri Satyanarayan



Beleri, a recipient of the PadmaShri award from Gol for conserving more than 650 traditional rice germplasm. The ten traditional rice varieties are being scientifically studied and tested in the instructional farm of the KVK with the intention to screen location specific rice germplasm and bring them to the seed chain and then food chain in forthcoming years for sustainable livelihood and income. SSH Dr. T. J. Ramesha presided over the function.



## Davanagere

### Placement Training

Horticulture students from College of Horticulture, Mudigere and Hiriyur, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga undergone placement training at ICAR-Taralabalu Krishi Vigyan Kendra, Davanagere. Mr. Basavana gouda M.G., Horticulture Scientist, engaged the students on imparting technical skills and practical aspects of Horticulture technologies. Technologies like Plant propagation and Nursery management, Training and Pruning in Horticulture crops, Post-harvest technology and value addition in Horticulture crops etc. Dr. Devaraja T.N., Senior Scientist and Head, gave complete information about activities of KVK and Fisheries. Plant protection activities, Apiary unit, Soil and Water testing activities, DSR activities, NICRA activities, Communication Skill activities was handled by respective scientist.



### CDP on inland fisheries

A capacity development programme entitled Inland Fisheries- Scope, Importance and Recent Advances was organised under SCSP programme on 12.11.2024 by ICAR-KVK (DK), Mangaluru in collaboration with ATMA, DoA, , Bellur Kasargod, Kerala Mr. Advait, M.V. AO, Krishi Bhavan, Bellur, Kasargod, Kerala was the coordinator of the programme. Dr. T. J. Ramesha, SSH presided over the function and provided practical inputs about fish farming through field visit to farm pond established at instructional farm. Dr. Ravindragouda Patil, Assistant Professor (Fisheries Science) participating as resource person.





## Dharwad

### Training – Off campus



An off-campus Training programme was conducted on 'Use of University of Agricultural Sciences, Dharwad Compost Culture for decomposing agricultural wastes' on 14.11.2024 at Kalasanakoppa village, Kalaghatagi taluk, Dharwad. Since, sugarcane is one of the major crop grown in the Kalasanakoppa and nearby villages and currently the crop is being harvested across the villages, Dr. Pallavi T, SMS (Soil Science) stressed the need and importance of in-situ management of sugarcane trash in an environmentally sustainable manner using University of Agricultural Sciences, Dharwad compost culture over residue burning. Mrs. Vidya V Sangannanavar, SMS (Home Science) briefed the importance of compost culture in maintaining soil health. Around 30 farmers participated in the training programme and benefitted.



## Ernakulam

### Fish Farming

KVK Ernakulam is advancing its sustainable fish farming support services by partnering with the Thripunithura Farmer Producer Organization (FPO) in the Tripunithura region. This collaboration builds on KVK's successful partnerships with farmer groups in other regions, where similar efforts have contributed to notable progress in local aquaculture development. On 3rd November 2024, Dr. P.A. Vikas, Subject Matter Specialist (Fisheries) from KVK Ernakulam, took part in the inauguration and fish stocking ceremony for a newly established fish farm organized by the Thripunithura FPO at Poothotta. Dr. Vikas led an awareness session covering topics such as pond management, disease prevention, and water quality maintenance, encouraging local farmers and community members to consider fish farming as a sustainable livelihood. Through ongoing technical guidance and support, KVK Ernakulam aims to replicate the success of these collaborations, driving growth and innovation in the fisheries sector across Ernakulam district.



## Gadag

### World Food Day

World Food Day was celebrated at ICAR-KVK, Gadag in collaboration with the UAS, Dharwad with the theme “The Right to Food for a Better Life and a Better Future”. Dr. R. V. Hegde, Professor (Hort), UASD, inaugurated the program and spoke about the importance of emphasizing fruit and vegetable consumption in current dietary practices. Dr. Sudha V. Mankani, SSH (I/c), ICAR- KVK, Gadag presided over the function spoke on the daily inclusion of traditional foods like millets, pulses and green vegetables. Chief guest of the function Mrs. Spoorthi G. S., DD, DoA, Gadag highlighted that consuming nutritious food contributes to a better lifestyle and an inspiring personality. The event was graced by the presence of Mr. Shivakumar, Director of SBI-ASF-RSETI, Hultkoti, Dr. Ramya, Veterinary Officer, Harti, Mr. N. H. Bhandi, Mrs. Hemavati Hiregoudar, Dr. Vinayak Niranjana and other dignitaries. University students showcased a short play on the importance of food. More than 75 students, rural youth and farmers attended the programme.



### Field day on Pearl Millet

ICAR-K.H. Patil KVK, Gadag organized field day on pearl millet and onion crops on 06-11-2024 at Madalageri village of Rona Block in Gadag district. The demonstration of the VPMV-9 biofortified variety of pearl millet was conducted in the field of Mr. Bharamgowda Naganagoudar. Dr. Sudha V. Mankani, SSH, highlighted that VPMV-9 variety gives higher yields and it is a biofortified variety. Another field day on onion crop was organised in the field of Mr. Shivappa Hebballi in the same village, where KVK took demo on ICM in red onion variety Bheem Super. Mrs. Hemavati Hiregoudar, SMS (Hort), explained that the Bhima Super variety is known for its high yield, good colour and ideal bulb size and fetches better market price. Dr. Vinayak Niranjana, SMS (Ag. Engg.), demonstrated battery-operated onion de-topper and explained that the machine saves approximately 40% of the time and reduces labour cost compared to traditional methods of cutting onion roots and tops. The positive results are observed in demonstration plots and the technologies are promising.





## Haveri

### Field Day on Paddy

A field day on new paddy variety RNR-15048 (Telangana Sona) was held in the field of Mr. Nagaraja, a progressive farmer of pattepur village of Ranebennur taluk. The Dr. Guruprasada G.S., SSH explained that RNR-15048 (Telangana Sona) paddy variety has low sugar content and this variety is sugar free rice variety which fetches high market price due to good grain and good cooking quality. Dr. Rashmi C. M., SMS (Soil Science) said that the concept of INM which must be given top-most priority. INM is the maintenance or adjustment of soil fertility, plant nutrient supply to an optimum level for sustaining the desired productivity through optimization of the benefits from all possible sources of plant nutrients in an integrated manner. This concept is of very much importance since it involves the use of inorganic fertilizers along with organic sources that are applied to soil for increasing the quality and yield of plants in a sustainable manner without harming the natural ecosystem. With the use of integrated nutrient management in rice it has increasingly improved the overall respondents on the grain crop which leads to maximum growth characteristics and yield attributes. More than 25 farmers from surrounding villages participated in this field festival.



### Field day on Silage making

ICAR-KVK, Haveri conducted Field Day on Silage making on 07.11.2024 at Hosalli village of Savanur taluk. Chief Guest of the programme Dr. Neelkant Havalad, ADA DoAH & VS, Savanur during his inaugural speech he briefed about different departmental programmes on fodder development and also explained importance of silage in dairy farming. Dr. Guruprasad G.S., SSH spoke to the gathering about the incorporation of crop residues into animal fodder. He advised farmers to use the residues as livestock feed rather than incorporating them directly into the soil. Programme was organised by Dr. Mahesh Kadagi, Scientist (Animal Science) and he explained different aspect of silage including harvesting stage of the crop, different silo pits and bags used for silage making, chopping, silo filling techniques, qualities of good silage and also explained importance of silage during lean period. Programme was organised at the field of the progressive farmer Mr. Santhosh Goddemmi and He shared his experience with the KVK front-line demonstration on silage production, its benefits and advantages. Totally 50 farmers were participated in the programme.





## Hassan

### CDP – CCINM Program



ICAR-KVK, Kandali, Hassan in collaboration with the DE, SAMETHI, UASB and DoA, Hassan organized the National Institute of Agricultural Extension Management (MANAGE), Hyderabad sponsored Programme viz., 15 days certificate course on INM (CCINM) for CEO's/officer's bearers/secretaries of Primary Agricultural Cooperative Societies from 14.10.2024 to 28.10.2024 at KVK Hassan. Programme is inaugurated by Mrs. Savitha, ADA, DoA, Hassan and during her inaugural address she said that since learning is a continuous task, the participants who have participated in this training forget the age difference and take interest in learning about comprehensive nutrient management and join hands with agriculture and agriculture related departments for the welfare of the farmers in the district. Dr. Rajegowda, SSH KVK, Hassan has chaired the programme and during his presidential remarks he said that plants provides food for the living organisms to live just like that soil gives life to the farmers as wells as crops. So, it is the duty of all of us to protect this soil health and he advised the trainees to provide soil test-based fertilizers to the farmers.

## Idduki

### Finger Millet – Assessment

ICAR-KVK, Idukki carried out an assessment of finger millet varieties under the Tribal Sub Plan scheme in Aduvilanthakudy. This study was part of an OFT initiative & the varieties tested were GPU 67, CFMV1, and ATL1. Aduvilanthakudy, a tribal- dominated area in the Idukki district, which is known for its unique agro-climatic conditions suitable for millet cultivation. ST farmers participated in this trial, ensuring the direct involvement of the local tribal community in the evaluation and adaptation of suitable varieties. GPU 67: A well-known variety for its early maturity and good grain quality, CFMV1: A high-yielding variety that is being promoted for its disease resistance and adaptability, ATL1: A variety known for its drought tolerance and stable performance across different conditions. Standard agronomic practices were followed for each variety, including proper spacing, timely weeding, and fertilizer application. Periodic monitoring and data collection were conducted throughout the growth stages to track plant development, pest incidence, and any other notable observations.



## Kalaburagi I

### CCINM Programme



ICAR-KVK, Kalaburagi-I in collaboration with MANAGE, Hyderabad, UASR and the DoA, Kalaburagi jointly organized a 15 days Certificate Course on Integrated Nutrient Management (CCINM) from 4<sup>th</sup> November to 18<sup>th</sup> November, 2024 for Primary Agricultural Cooperatives Society secretaries. The program was inaugurated by Dr. Shivashankar, N. DE, UASR, who emphasized the need to INM to boost microbial populations in soil and maintain soil fertility. Dr. Raju G. Teggelli, SSH, briefed about the KVK, mandated activities, importance of PACS Secretaries and the role of trained secretaries in strengthening the agriculture sector as well as create awareness on agricultural activities especially integrated nutrient management and suggested will make available the improved technologies of at the door step of farmers. Dr. Shreenivas, B. V, Scientist (Soil Science), Dr. M. M. Dhanoji, Dean (Agri.), CoA, Kalaburagi Dr. B. M. Dodamani, were engaged the class on different subjects. A total of 60 Secretaries of Primary Agricultural Cooperative Societies in Kalaburagi district and KVK staffs were actively participated.

### Exposure Visit



MYRADA (HDFC), Kalaburagi arranged one day training programme on sustainable agriculture and exposure visit to ICAR-KVK, Kalaburagi-I for farmers and farm women's of Aland taluka, Kalaburagi district on 12.11.2024. The programme was inaugurated by Dr. Raju G. Teggelli, SSH ICAR, KVK, Kalaburagi-I and Sri. Ujalambe, Programme Head, MYRADA. Dr. Raju G. Teggelli, briefed about the KVK, mandated activities, importance of sustainable agriculture and explained about IPDM in pulses. Dr. Shreenivas, B. V, Scientist (Soil Science), Dr. Yusufali Nimbaragi, Scientist (Agronomy), Dr. Sanmati Nayak, A.T.S, Scientist (Horticulture), Mr. M. C. Patil, Farm Manager briefed about various subjects. The participants visited to different method demos units of the KVK In this programme, Namadev, S. Shavare, MyYRADA Programme Manager, Veerabhadrayya Swamy, Cluster Coordinator, Sharath Shiroor and Rakshita and more than 110 farmers and Farm women's were actively participated and benefitted from the visit.





## Kalaburagi II

### Field Visit

Field visit to FLD's and seed production plots On October 8, 2024, scientists from ICAR, KVK, Kalaburagi-II (Raddewadgi) paid a visit to the Mandewala village of Jewargi taluka. There, insect pests plagued with redgram field. It was proposed that Dr. Chethan, T. Scientist (Hort), consider using insecticides that are part of the package of practice and recommended to spray Pulse magic for the control of flower drop and higher yield. Later relocated to cotton FLD field, Dr. Chandrakant (Scientist, Soil Science) recommended the farmers to go for the suitable marketing linkages for the higher returns. Subsequently, relocated to another village Kalhangaraga, where marigold flowers were grows widely, Dr. Vasudev Naik, Senior scientist and Head noticed a nutritional deficiencies there and suggested management practices with respect to that FLD. In the adjacent field fodder crops were growing, Dr. Mallappa (Scientist, Agronomy) suggested to grow high yielding fodder varieties and implemented fodder FLD in the same plots.



Latitude: 17.005984  
Longitude: 76.559668  
Elevation: 419.88±8 m  
Accuracy: 4.4 m  
Time: 06-11-2024 17:11  
Note: Cotton fld

Powered by NoteCam

### Pulse Magic distribution



Input distribution of Pulse magic under Model Pulse Village (MPV) programme. On November 11, 2024, ICAR-KVK, Kalaburagi-II (Raddewadgi) organized an input distribution of Pulse magic to farmers in Desanagi village, Jewargi taluka, as part of the Model Pulse Village (MPV) initiatives at MPV cluster village. The session focused on addressing awareness related to Pulse magic. Dr. Chethan, T. (Scientist, Horticulture), presented a talk on IPDM and improved production technologies on Redgram and tomato cultivation. Dr. Chandrakant (Scientist, Soil Science) provided insights into measures taken for the safe use of pesticides during spray. Approximately 109 farmers participated in this off-campus capacity-building program, gaining valuable knowledge and inputs to enhance their agricultural practices.





## Kannur

### FLD – Nano Pheromone trap



KVK Kannur conducted the Frontline Demonstrations (FLDs) on the use of Nano Pheromone Traps for managing red palm weevil were conducted across five blocks in Kannur district under the Block Level Agricultural Knowledge Centres (BLAKCs). The events were held on 19<sup>th</sup> October 2024 at Iritty Block, 24<sup>th</sup> October at Peravoor Block, 28<sup>th</sup> October at Thaliparamba Block, 29<sup>th</sup> October at Irikkur Block, and 2<sup>nd</sup> November at Edakkad Block. These sessions aimed to educate farmers about effective pest management techniques for enhancing coconut and palm productivity. Dr. Jayaraj P., Senior Scientist and Head, KVK and Nodal Officer of BLAKC Taliparamba Block, Dr. Dr. Manju K. P., Assistant Professor (Entomology) and Nodal Officer of BLAKC Peravoor and Iritty Block, Smt. Renisha J. M., Assistant Professor (Horticulture) and Nodal Officer of BLAKC Edakkad Block and Dr. Parvathy A., Assistant Professor (Agricultural Extension) and Nodal Officer of BLAKC Irikkur Block convened the demonstration sessions in respective blocks

Dr. Manju K. P., Assistant Professor (Entomology), led the sessions and elaborated on the working mechanism and benefits of Nano Pheromone Traps in controlling red palm weevils. She provided practical demonstrations of the traps installation, emphasizing its role in eco-friendly and sustainable pest management practices. Nano pheromone trap is recommended @ 1 No/ha. Traps were distributed to the farmers. FLDs covered an area of 100 hectares in each block. To support the training, leaflets detailing the features, installation methods, and advantages of the Nano Pheromone Trap were distributed to participants. The demonstrations helped farmers understand the potential of this innovative tool in reducing pest-induced crop losses and encouraged its adoption. The FLDs were conducted in campaign mode in collaboration with Coconut Producer Societies in the respective blocks. The Assistant Directors of Agriculture, Agricultural Officers, Field staffs of ATMA, representatives from Local Self Government Institutions, FPO representatives and farmers participated in the programme. The programme successfully created awareness about modern pest control solutions and is expected to improve coconut and palm tree health in Kannur district. These efforts mark a significant step toward promoting sustainable and environmentally friendly agricultural practices as a compact area group approach.



## Kasaragod

### RAWE Programme



Sixteen students of Final year B.Sc. (Agriculture) from Guru Kashi University, Bathinda (Punjab), undertook a five-week RAWÉ program from September 23 to October 30, 2024, at ICAR-KVK Kasaragod. During this period, they gained valuable insights into agricultural research and technology transfer practices within the farming community in Kasaragod. The students were exposed to the functioning of CPCRI and its mandatory crops and had the opportunity to interact with scientists from various divisions. They also familiarized themselves with the KVK system, its mandatory activities, and the major crops of Kerala. Additionally, they received hands-on training in various agricultural practices, including plant propagation, Horticulture nursery management, Precision farming bed preparation, Mushroom cultivation coconut climbing, soil sampling, drone application, and operating farm implements. The students also had the opportunity to interact with Mr. Shivaprasad, a progressive farmer of KVK, to understand his farming practices and the soil and water conservation measures followed on his farm.

### Field Day Paddy



On 8th and 12th November, 2024, a group meeting and harvest fest was held for farmers in Manjeshwar and Thannot, Kasaragod under the demo of “Organic pest management of paddy in the coastal agri-ecosystem”. The purpose of the gathering was to discuss price fixing, harvesting, obtaining seed material, and processing the produce. The KVK Head Dr. Manoj Kumar and KVK faculties Dr Benjamin, Dinesh Kumar Yadav and Sri. K. Manikandan discussed with the farmers and gave them an update on paddy harvesting. Using a combine harvester to harvest paddy under FLD. The farmer group made the decision to harvest and sell paddy crops.

### Millet Café

On 8th November attended inauguration of Millet Cafe was started by Mahalakshmi Self Help group our KVK beneficiary at Asha Complex at Periya. Many types of millet products were prepared and marketed through the outlets and millets based products were served in lunch and breakfast.



## Kodagu

### Training on Soil & Plant



A training programme on Soil and Plant Management Strategies in Important Crops of Kodagu District was organized by ICAR-KVK Gonikoppal, Kodagu on 7<sup>th</sup> Nov. 2024, in collaboration with the DoA. Shri Dharmaraj, a renowned awardee and progressive planter, participated as a key resource person. During his talk, he shared valuable insights on enhancing productivity in key crops of the region, including coffee, black pepper, arecanut, and cardamom. He also highlighted his own achievement of the highest productivity on his farm, offering practical examples and strategies. His presentation emphasized several key areas, such as the importance of integrated nutrient management, farm certification, recycling of farm waste, shade regulation, and optimal plant management for sustained crop health and productivity. The programme saw active participation from 85 farmers, farm women, students, and agricultural officials, who engaged in discussions and learned practical approaches to improve soil and plant management in their respective farms. The programme was coordinated by Mr. Prabhakara B, SMS (Hort.) ICAR-KVK Kodagu.

## Kolar

### Training on Fertigation

Capacity building programme on & Smart Irrigation and Fertigation Automation for Sustainable Agriculture. On November 8, 2024, ICAR-KVK Kolar, in collaboration with the District Agriculture Training Centre and ATMA Kolar, organized a capacity building program on & Smart Irrigation and Fertigation Automation for Sustainable Agriculture & at ICAR-KVK Kolar. The event was inaugurated by Smt. Suma, JDA and presided over by Dr. Shivanand Hongal, SSH of ICAR-KVK Kolar. The training featured expert sessions from Sri. Anjannappa, from Netafim, who spoke on the latest advancements in smart irrigation technologies, and Dr. Anil Kumar S, Soil Scientist, who elaborated on innovations in fertigation. The program was attended by 70 participants, including farmers, ATMA staff, department officials, and KVK Horticulture Scientist Dr. Asha, K.M. The programme focused on introducing participants to the benefits and practical applications of smart irrigation and fertigation systems to enhance sustainable farming practices.





## Training on Soil & Plant



Latitude: 13.265925  
Longitude: 77.958872  
Elevation: 875.52839 m  
Accuracy: 62.2 m  
Time: 08-11-2024 14:14  
Note: Krushi-Prashasti Un...

Visit to State-level Krishi Pandith award winning progressive farmers fields ICAR-KVK Kolar Senior Scientist and Head, Dr. Shivanand V. Hongal, Soil Scientist Dr. Anil Kumar S., Sericulture Scientist Dr. Shashidhar K.R., Horticulture Scientist Dr. Asha, K.M., and SMS Agrometeorology Mrs. Swathi, G.R., visited the farms of progressive farmers, Krushi Pandith award applicants of Kolar, Bangarpete & Malur, Mulbagilu, Srinivaspura and Kolar talukas respectively along with line department officials. During the visits Scientists have interacted with the farmers about their farm activities and also provided needy suggestions for the needful of farmers. Around 65 famers field have been visited by the whole scientist team.



Latitude: 13.468506  
Longitude: 78.277263  
Elevation: 802.54218 m  
Accuracy: 1.5 m  
Time: 10-29-2024 12:27  
Note: ATMA Farmer Awards Far...

## Exhibition stall at Krishimela



Exhibition of Stall at Krishi Mela ICAR-Krishi Vigyan Kendra, Kolar Senior Scientist & Head Dr. Shivanand V. Hongal and Dr. Asha, K.M., (Horticulture Scientist) organized the exhibition of Stall at GVKK Krishi Mela on 14.11.2024. During the moment Dr. Suresh, S.V., Hon'ble Vice Chancellor, UASB and Dr. Vishnuvardhana, Hon'ble Vice Chancellor, UHSB visited and inaugurated the stall. The exhibition showcased novel technologies, products, publications, planting material and various produce grown by the farmers.



## Workshop – Agroforestry



Workshop on Agro Forestry-Horticulture Plantation ICAR-KVK Kolar in association with Dhan Foundation Kolar organized a Workshop on Agro Forestry-Horticulture Plantation to the farmers of Kolar district at KVK premises on 15.11.2024. The programme was inaugurated and addressed by Mr. Kumar Swamy, DDH, Kolar. Dr. Shivanand V. Hongal, SS&H presided over the programme. Dr. Anil Kumar S., Scientist (Soil Science) and Dr. Asha, K.M., Scientist (Horticulture) served as resource person by delivering lecture on Agro-Forestry and Forest-Horticulture Plantation respectively. Around 50 farmers across Kolar district participated and benefited from the programme.



## Koppal

### School Soil Health Program

Participation of school soil health programme at JNV school Kukanur The school soil health programme is an important initiative launched by the Government of India. It promotes sustainable farming practices and improves agricultural productivity. This will provide students with the opportunity to conduct experiments, analyze soil samples and explore the fascinating biodiversity within the soil. This program will provide students with the opportunity to conduct experiments, analyze soil samples and explore the fascinating biodiversity within the soil. Department of agriculture, Koppal and JNV School kukanur organized soil health programme for school children. The programme was inaugurated by Mrs. Shruti. N ,Technical officer ,Soil science, ICAR KVK Gangavathi and explained about the importance of soil analysis , procedure to analyze soil sample using soil kit and procedure to write soil health card. Sri Manjunath Soil Analyst practically demonstrated the soil analysis to the students. More than 50 students were participated in the programme





## Field Day – Paddy



Paddy is the major crop growing in tungabhadra command area. The growing of long duration rice varieties consumes more irrigation water than short duration varieties which lead to soil salinization and water scarcity problem among tail end farmers. Introduction of technologies to minimize intense water use and increase water productivity in command area will enhance the crop yield and reduces the water scarcity problems among the farmers and it helps the farmers to get more income. University of Agriculture Science, Raichur developed a 125 day short duration rice variety namely GNV-1089. ICAR KVK Koppal organised field day on demonstration of paddy short duration variety GNV-1089 on 13.11.2024 in Chikkajantakal village, gangavathi taluk. The programme was inaugurated by Dr. Mahanth shivayogayya Associate professor ( Genetics and plant breeding) by watering the plant . he narrated about the importance of GNV-1089 short duration paddy variety to the farmers. Smt Radha, J Scientist (Seed technology) explained about the seed production of paddy and other cereal crops. Smt Reavthi .R Scientist (plant pathology) explained about the management of the paddy diseases.

## Kollam

### CDP – Poultry Farming

SCSP Training Programme for the year 2023-2024 in Animal Husbandry covered AEU 14 in the Anchal Block by selecting beneficiaries from the Aryankavu and Achankovil regions of Kollam district, primarily engaged in poultry farming. The programme aimed to enhance the economic conditions of Scheduled Caste farmers by increasing productivity and profitability in poultry farming, and also to strengthen food security and nutrition in rural communities. Sixteen Scheduled Caste beneficiaries were provided with 10 Gramasree birds (45 days old) from the Egger Nursery Demonstration Unit of Animal Husbandry and essential medicine kit, including dewormer and nutrient supplements. As part of this programme a capacity-building training titled & Farming System for Nutrition (FSN) concept in Rural Villages by Promoting Scientific Rearing was conducted by Dr. Parvathy S, Assistant Professor of Animal Husbandry at the seminar hall of Krishi Vigyan Kendra. The programme covered topics such as poultry care, disease prevention, feed management, and sustainable farming practices in poultry sector.





## SCSP Programme



An SCSP (Scheduled Caste Sub Plan) initiative for the holistic development of farmers from the SC community was launched at Perambra Grama Panchayat. The programme, funded by ATARI, Bengaluru, was a collaborative effort between KVK, the Grama Panchayat and the Department of Agriculture, benefiting 50 local farmers. The event was inaugurated by Sri V.K. Pramod, President of Perambra Grama Panchayat, with Dr. P. Ratha Krishnan, Head of KVK, presenting an overview of the project. Smt. Reena K.M., Vice President of the Panchayat, presided over the function. The occasion also featured speeches by Dr. P.S. Manoj, Sri Preman K.K., Smt. Ambili K.K., Sri Sathyan P.M., Sri Jayesh E.R. and Sri K.M. Dhanesh. A key highlight of the event was a training session on recent advancements in horticultural crop production technology, led by Dr. P.S. Manoj. The primary objective of the programme is to enhance the production and productivity of crops such as coconut, fruit plants, and vegetables. Participating farmers were provided with quality planting materials, vegetable seed kits, secondary and micronutrient mixtures, bio control agents, botanical pesticides, and other essential inputs.

## Kottayam

## Vigilance Awareness Week

Krishi Vigyan Kendra Kottayam organized a series of programs in observance of Vigilance Awareness Week from October 28<sup>th</sup> to November 3<sup>rd</sup>, to promote anti-corruption and ethical practices within the society. On October 28, 21 KVK staff members took the anti-corruption pledge, reaffirming their commitment to upholding integrity in the organization. The following day, on October 29, an awareness session was conducted for participants of the mushroom cultivation training program, where the trainees also took the anti-corruption pledge as responsible citizens. On 30<sup>th</sup> October, the centre organized an & Anti-Corruption and Anti-Drug Campaign & for the students of NSS College, Cherthala. This was followed by another similar campaign at SKM HSS, Kumarakom on November 2, where 33 students participated. Dr. Manuel Alex led the session by delivering an awareness class on harmful effects of corruption and drug abuse. Anti-corruption posters were displayed at the KVK office, reinforcing the message of ethical conduct and transparency.



## Exhibition – Mushroom

KVK Kottayam participated in the exhibition, Karshikolsav 2024 at Marangattupally during 8-9 November 2024. Various bioinputs, seeds, planting materials, processed products and micronutrient mixtures were displayed and sold in the stall. Dr. Jayalekshmi G., Professor & Head, KVK, Kottayam inaugurated the distribution of bioinputs and micronutrient mixtures to farmers



## Demo – Seed Broadcasting

A demo of paddy seed broadcasting using drone was conducted at Alappathady Madappakka Padasekharam under Pulinkunnu Grama panchayat, Alappuzha district. Seed broadcasted in 10 acres of paddy field. 20-30 kg of paddy seed was used in one acre of land. 25 farmers in the padasekhara samithi have actively participated in the demonstration. Compared to manual broadcasting, drone broadcasting has many advantages. Major advantages are the uniform distribution of seed and higher yield.

## Skill Trg – Food Processing

Skill training on food processing and value addition to rural youth KVK Kottayam organized a one-day, on-campus skill training on “Post-Harvest Processing and Value Addition of Agricultural Crops” for youth conducted on November 8. The training covered technologies for minimal and intermediate processing of fruits, including storage of fruit pulps, preparation of fruit sip-ups, and non-alcoholic fruit beverages..

## Kozhikode

## Celebration – Children Day

Childrens’ day celebrated with Horticulture therapy programme. Krishi Vigyan Kendra, IISR, Peruvannamuzhi celebrated children’s day with the exposure visit of children and parents from Block Resource Centre, Samagra Shiksha Kerala, Thodannur. They were visited KVK demonstration units and exposed to KVK activities. The participants were carried growbag filling using nursery media and planting of cool season vegetables. They were also distributed with pro-tray seedlings for raising in their block level facility as part of horticulture therapy. The programme was coordinated by KVK staff Dr. P Ratha Krishna and K M Prakash and BRC coordinator Mr. Rajeevan V K.





## Malappuram

### Training – Dairy

Bovine infertility - short term course for Dairy farmers Five days skill training course for dairy farmers on bovine infertility was completed at KVK Malappuram. The training programme was carried out distributed over a period of five weeks as one day per week for the convenience of the participants. Since infertility is the major issue among dairy cattle maintained through artificial breeding, the training intended to impart in depth detailing of the issue to enable the stakeholders to understand the mechanism of causation and variations of the manifestations so that effective corrective measures can be taken up at individual level as well as collectively to find a permanent solution wherein lot of technical interventions are also involved. Classes were handled by Dr. Ibraheem Kutty, SMS Animal Science. Final evaluation of the participants was carried out through an examination together with feedback session to assess effectiveness of the programme. Out of the 34 registered participants, 25 completed the programme with satisfactory assessment.



### Training – Horticulture

Budds Rehabilitation Center Hosts Budding and grafting Training with KVK In a recent initiative to promote therapeutic horticulture, Budds Rehabilitation Center, in collaboration with Kudumbasree, organized a specialized training session at the Kuttipputam Grama Panchayath. Students and their parents participated actively in the program, which was led by Dr. Akhil Raj, subject matter specialist in horticulture from the Krishi Vigyan Kendra (KVK) in Malappuram. The training aimed to educate participants on the benefits of agritherapy, combining horticulture practices with therapeutic techniques to improve mental health and wellbeing. The session covered various hands-on horticultural activities, empowering attendees with skills to enhance their connection with nature as part of their rehabilitation journey.





## Radio Programme

SMS Horticulture Shares Insights on Scientific Spice Cultivation on Akashavani Kozhikode Listeners of Akashavani Kozhikode tuned in for an informative radio talk (Vayalum veedum) on the scientific cultivation of spices, organized by Fahad Raza M. S., transmission executive AIR Calicut. Dr. Akhilraj, subject matter specialist in horticulture from the Krishi Vigyan Kendra (KVK) in Malappuram, provided valuable insights into advanced techniques for cultivating spices, focusing on improving yield, quality, and sustainability. The session covered topics such as optimal soil preparation, pest management, and post-harvest practices tailored to Kerala's climate. The talk was well-received by farmers and enthusiasts alike, aiming to promote spice cultivation as a viable and profitable venture in the region.



## Programme – SCSP

KVK Malappuram Conducts Training and Input Distribution for SC Farmers. The KVK Malappuram organized a comprehensive training session on the scientific cultivation of banana and vegetables for Scheduled Caste (SC) farmers of the Parapanangadi Agricultural Block. The programme, held under the SCSP programme, aimed to enhance agricultural productivity and sustainability within the community. Dr. Akhilraj, SMS (Hort) at KVK led the training, providing detailed insights into modern cultivation techniques, pest management, and best practices for maximizing yield. As part of the initiative, essential agricultural inputs were distributed to the farmers, empowering them to adopt the scientific methods discussed during the session. The program was well-received, with participants expressing enthusiasm for applying the knowledge to improve their farming practices.



## Mandya

### Krishi Saki Programme



ICAR-KVK, V.C. Farm, Mandya organized six days training programme for krishi-saki-module-2 in collaboration with SANJEEVINI-Karnataka State Rural Livelihood Promotion Society Department of Skill Development, Entrepreneurship and Livelihood, GoK, from 04.11.2024 to 09.11.2024 on Agro Ecological Practices for Community Resource Persons (Krishi Sakhi- 30) of Farm Livelihood. The program was inaugurated on 4<sup>th</sup> November by Mr. Ravindra, P. Assistant Project Director, Mr. Krishna, District co-Ordinator NRLM, Zilla Panchayath, Mandya. During his inaugural speech emphasized about importance of IFS for getting year round income to the farmers instead of relying solely on mono cropping. Dr. Kamalabai Koodagi, SSH, KVK, Mandya, Presided the programme. During her presidential remarks she highlighted the role of Krishi sakhis in uplifting the agrarian economy. The training covered various aspects including weather elements, forecasting, importance and different methods of land preparation, selection of seeds and sowing, soil testing and different methods of compost preparation, IPDM and nutri-garden.

## Mysuru

### Ayurveda College – MoU



Memorandum of Understanding (MOU) was entered between JSS Ayurveda Medical College and ICAR JSS Krishi Vigyan Kendra with the intention to establish a collaborative framework aimed at promoting mutual cooperation and the development of knowledge in the areas cooperation healthcare, and rural development. The goal is to integrate Ayurvedic medical practices with agricultural and environmental sustainability, fostering better health, wellness, and economic development in rural areas.



## RAWE Programme



B.Sc. (Hons) Horticulture students of College of Horticulture, Mudigere undergone RAWE programme at ICAR JSS KVK from 04-11-2024 to 09-11-2024.

## IoT in Agriculture

Sri Jayachamarajendra College of Engineering – Science & Technology Entrepreneurs Park (SJCE-STEP) to explore potential collaboration opportunities in the fields of Internet of Things (IoT) and precision agriculture. The goal is to integrate IoT solutions for real-time monitoring, data collection, and analysis, enabling more efficient resource management and reducing environmental impact. Shorty MoU in connection with IoT in agriculture between SJCE STEP & ICAR JSS KVK, Suttur will carried out.



## Palakkad

## Students visit to KVK



The students of the Gifted Children Programme visited the Krishi Vigyan Kendra (KVK) in Palakkad on 2/11/2024 as part of an educational field trip. During the visit, they were introduced to innovative agricultural practices and technologies. The students learned about Miyawaki Forest techniques, which involve creating dense, native forests in small spaces. They also explored Polyhouse Farming, a method of growing crops in controlled environments to increase yield and protect plants from external weather conditions.





Additionally, the students were exposed to various technological interventions in agriculture, which included modern tools and methods aimed at enhancing productivity and sustainability in farming. They also visited the poultry reared under protected environment, egger nursery and rabbit hutch. The visit provided an insight into the intersection of technology, environment, and sustainable agriculture.

## OFT Followup

Introduction of Kakrol/ Kandola Cultivation in Palakkad District for the effective conduct of On Farm Trial (OFT) 'Assessment of Kakrol/ Kandola in Palakkad district', capacity building programme on cultivation of kandola was organised at KVK – Palakkad for the farmers selected for the OFT. The programme was organised by KVK - Palakkad in association with NBPGR regional station, Thrissur. Experts from NBPGR took class on cultivation aspects of kandola and planting materials from NBPGR was distributed to the farmers on the occasion. Similarly, a workshop on kandola cultivation was conducted for members of Kollengode evergreen farmers benefit society and farmers Alathur, Kannambra and Vadakkanchery panchayath.



## Pathanamthitta

### RAWE Programme

A five-week Rural Agricultural Work Experience (RAWE) programme was conducted from 24th September 2024, where in 18 students from three universities viz. Guru Kashy University, Bhatinda, Sri Megh Singh College, B.R. Ambedkar University, Agra and Lovely Professional University, Punjab. This initiative aimed to provide students with hands-on experience in various aspects of rural agriculture and development. Throughout the programme, the students were trained in diverse agricultural practices such as compost production, soil sample collection and analysis, plant propagation, orchard management, and INM and IPDM in crops. They also learned about coconut cultivation, mechanical climbing, pepper propagation, mushroom cultivation, and apiculture (beekeeping), along with best practices in goat feeding and management. A key component of the RAWE programme was the interaction with local farmers, which helped students understand location-specific challenges in agriculture and allied sectors. These conversations allowed them to gain insights into real-world agricultural issues and explore potential solutions tailored to regional needs.



## Microgreens Cultivation



As part of the Scheduled Castes Sub Plan (2024-25), a capacity-building programme on microgreens cultivation was organized for SC stakeholders at Eraviperoor Panchayat in the district. The initiative aimed to empower participants with knowledge and practical skills related to the cultivation of microgreens, a high-value and sustainable agricultural practice. The programme included informative sessions on the benefits and techniques of growing microgreens, along with hands-on training in cultivation methods. Mr. Sinu Saji, a young entrepreneur served as the resource person, sharing his insights and experiences with the participants. Dr. Sindhu Sadanandan, SMS (Agril. Extension) of KVK, Pathanamthitta coordinated the programme, ensuring its smooth execution and active participation. As a part of the initiative, microgreens cultivation kits were distributed to the participants, enabling them to start their own cultivation practices at home or in their communities. This capacity-building effort was aimed at improving livelihoods and promoting sustainable agricultural practices among SC stakeholders in the region.

## Ramanagara

### ICM in Banana

KVK Ramanagara organised on campus capacity building programme “Integrated crop management in Banana” on 08.11.2024. Dr. Deepa Pujar, Scientist (Horticulture) explained about climatic and soil requirements, cultivars and varieties, land preparation, planting methods, nutrient management, irrigation management, intercultural operations, intercropping, agro-ecosystem analysis based integrated pest management, weed management, post-harvest handling, & export procedures etc. Dr. Lata R. Kulkarni, Senior Scientist & Head briefed about the technological knowhow regarding preparation of different value added products like pickle, candy, halwa, powder, chips etc. Dr. Sowjanya, S., Scientist (Agricultural Extension) highlighted about branding, packing and market opportunities. More than 40 farmers and farm women participated in the training programme and were benefited.





## Raichur

### HDP in Cotton



High density planting system cotton ICAR-KVK, Raichur in collaboration with CoA, Raichur field day programme on HDP in cotton at Kurdi village on 13.11.2024 Honourable Vice chancellor Dr. Hanumanthappa M., Inaugurated the programme. In his inaugural speech he spoke about the importance of high density one thread of cultivation in cotton therefore with specified varieties were cultivated. Director Extension of Dr. Shivasankar N. presided over the function. Dr. Hanumathappa Shrihari, SSH, KVK, Raichur spoke about the details of HDPS cotton project operating HDP system cotton crop system is followed now a day by Raichur taluk farmers. Farmers are getting 11 quintals per acre. Honourable Vice Chancellor Dr. M. Hanumanthappa and other scientists of the university were present in this program.



## Shivamogga

### Field Day in Paddy



Field day on FLD “Paddy varieties Sahyadri Kempumukti and Gandhasale and INM in paddy has been organized on 11-11-2024 at Maruthi Nagara, Bhadravathi taluk. The programme was inaugurated by Dr. R. C. Jagadeesha, Hon’ble Vice-Chancellor, KSUAHS, Shivamogga. In his inaugural speech, he said, the farmers will be given practical demos in their fields and more information will be provided to them about seed treatment, INM, and IPDM by the scientists of KVK. Stating that, it is our pride that the rice variety ‘Sahyadri Kempumukhti’ has been released from our University. The rice variety ‘Sahyadri Kempumukhti’ is red in color. Similarly, the ‘Gandhasale’ rice variety is short duration, high aroma and small, higher protein content (11.52%). Around 75 farmers participated in this field day and get information.





## CCINM Programme

Directorate of Extension, KSNUAHS, ICAR-KVK, Shivamogga, Staff Training Unit, SAMETHI (South), DE, UAS, Bengaluru, National Institute of Agricultural Extension Management (MANAGE), Hyderabad jointly organized 15 days “Certificate Course on Integrated Nutrient Management” for input dealers From 04-11-2024 to 18-11-2024. The inauguration was held on 05-11-2024 at ICAR-KVK, Shivamogga. Programmed was inaugurated by Dr. R. C. Jagadeesh, Hon’ble Vice Chancellor, KSNUAHS, Shivamogga and his inaugural speech he emphasized that, INM is important because it helps to ensure sustainable agricultural productivity by maintaining soil fertility and optimizing nutrient availability. The programme was presided over by Dr. K. T. Gurusurthy, DE, KSNUAHS, Shivamogga. Dr. Kiran Kumar, JD, DoA, Shivamogga, Dr. B. T. Rayudu, Nodal officer and Principal Scientist, ATARI, Bangalore and Dr. B. C. Hanumanth swamy, ADE, KSNUAHS, Shivamogga participated as the chief guest.



## Trivandrum

### GI Collar Ring in Banana



During the 2024-2025, demonstrations of the collar ring and string support system were conducted in two panchayats: Kallikadu and Aryancode. The event was presided over by Vijayan R, ward member and chairman of the standing committee for development, and inaugurated by the Honourable Panchayat President, Shri Pantha Sreekumar. Notable attendees included Dr. Binu John Sam, Senior Scientist and Head of KVK, Smt. Shincy N.I., Agricultural Officer of Kallikkad; Agricultural Engineer Chithra G from KVK; and Shri Sabu S, Agricultural Assistant of Kallikkad. The collar ring and string support system consists of a 4mm galvanized iron (GI) collar ring attached to the peduncle junction of each banana plant. Easily releasable knots are made along four sides using 5mm UV-stabilized plastic coir, which is secured at the end of each row to caurine poles. The coir is anchored with wooden pegs, providing both latitudinal and longitudinal support to each banana plant. Following the installation of this system, significant wind events occurred in Aryancode.

## Thrissur

### Exhibition – Blue Pearl Fish



On November 1, 2024, the inauguration ceremony of the Blue Pearl Fish Farmers Producer Company took place in Kodungallur, with the event graced by the Honorable Minister of State for Fisheries, Animal Husbandry and Dairying, and Minority Affairs. This significant launch aims to support and empower fish farmers in the region, enhancing local livelihoods and contributing to the development of the fisheries sector. To mark this occasion, the ICAR KVK, Thrissur, organized an extensive exhibition at the Kodungallur Town Hall, showcasing their commitment to agricultural and farming advancement. The exhibition aimed to provide visitors with insights into innovative agricultural practices and resources beneficial for local farmers and enthusiasts, emphasizing KVK's role in sustainable agriculture and agronomy education.

### EDP on Moringa Powder

As part of the Entrepreneurship Development Programme, a hands-on training session was successfully conducted for 21 aspiring entrepreneurs on the 14th of November, 2024, at Kariyat Foods, Marottichal. The training focused on the production of Moringa powder and capsules, equipping participants with practical knowledge and skills essential for starting or scaling their own businesses in the growing natural health product industry. The session covered key aspects of Moringa processing, from harvesting and drying the leaves to grinding and encapsulating the powder. Industry experts from Kariyat Foods guided the entrepreneurs through each step of the process, emphasizing quality control, packaging, and market trends. This hands-on experience not only provided valuable insights into Moringa-based products but also fostered collaboration and knowledge-sharing among the participants. The programme aims to empower local entrepreneurs to explore new business avenues and contribute to the expanding wellness and health food sector.





## Tumkur - I

### Krishi Sakhi Programme



Sanjeevini KSRLPS Krushi Shaki training programme ICAR-KVK-Tiptur, Tumkur-1 conducted Sanjeevini KSRLPS Krushi Shaki training programme from 04-11-2024 to 09-11-2024 for 30 Krushi shaki's batch. Dr.Govinda Gowda, SSH, ICAR-KVK, Tiptur inaugurated the programme and briefed about scope and importance of natural farming. Dr. shivappa Nayak, Scientist (ASc) briefed about livestock production. Dr. Keerthishankar, K., Scientist (Hort) explained about Different types of farming system and seed treatment. Dr. Tasmia kousar, Scientist (Ag) explained the different types of soil, soil and water analysis and soil health card. Mr. Manoj, Scientist (Plant protection) talked different Biological methods of pest and disease control. Mr. Drashan, M.E., Explained about different teaching methods, Certification and KVK role etc., District level millet recipes cooking competition has been organized.



### Field day – Paddy

Farmers Scientist interaction meet at RAWE village ICAR KVK Tumkur 1, Senior Scientist and Head Dr. V Govinda Gowda and Mr. Manoj H., Scientist (Plant protection) Participated in Farmers Scientist interaction meet at Rawe village in Kunigal. Demonstration of paddy variety RNR-15048 ICAR-KVK, Tumkur-I conducted field day on Demonstration of paddy variety RNR-15048 for higher productivity at Nonavinakere, Tiptur taluk. Agronomy scientist Dr Tasmia Koeser highlighted the important features of this RNR-15048 variety. About 15 farmers and college students were participated in the programme



### OFT – Banana

OFT on assessments of different micronutrients to enhance yield and quality in Ellakki banana. OFT on assessments of different micronutrients to enhance yield and quality in Ellakki banana at D Rampura village of Gubbi. During this program Scientist (Hort ) explained about role of micronutrients in banana for getting good quality fruits and Scientist (HSc ) delivered a talk on value addition in banana.





## Tumkur - II

### Training – Flower Crop



Empowering Women through Flower Crop Value Addition Training On November 7, 2024, the ICAR-IIHR, Bengaluru, in collaboration with Rashtriya Krishi Vikas Yojana (RKVY), conducted a one-day training program at ICAR-Krishi Vigyan Kendra, Hirehalli, Tumakuru, focused on “Value Addition of Flower Crops for Women Self-Help Groups.” This initiative aimed to equip women entrepreneurs and self-help groups (SHGs) with innovative skills to enhance the profitability and sustainability of flower crops through value addition techniques.

Dr. G. R. Smitha, Principal Scientist from the Division of Flower and Medicinal Crops, introduced the training by emphasizing the critical importance of value addition in addressing the short shelf life and seasonal limitations of fresh flowers. She highlighted the opportunity to transform flowers into an array of products - fresh, dried, processed, or waste-derived - enabling women to diversify income streams while reducing waste. Dr. N. Loganandan, Head of KVK, Hirehalli, discussed how SHGs could integrate these methods into their routines, providing income-generation opportunities during their available free time.

The program commenced with an informative lecture on the scope and significance of value addition, covering techniques for converting fresh, dried, and processed flowers into high-value products. The lecture also discussed the environmental and economic benefits of reusing floral waste, promoting ecological health through waste reduction. During hands-on sessions, participants learned how to create value-added fresh flower products like bouquets and decorative arrangements.

Further practical sessions introduced participants to advanced methods such as flower tinting, embedded drying, essential oil extraction, potpourri making, pankhuri, natural dyes and pigments, holy colors, floral teas, and epoxy-resin encapsulation. The training also demonstrated the transformation of floral waste into incense products like agarbatti and dhoop, showcasing how floral waste could serve as an additional income source. The event was attended by around forty women from the DHAN Foundation and various SHGs. The program was coordinated by a dedicated team, including Dr. G. R. Smitha, Dr. T. Usha Bharti, Dr. M.R. Rohini, Mrs. Radha Banakar, and Dr. N. Loganandan, all of whom contributed to this empowering initiative, enhancing income opportunities for women through flower value addition.



## Vijayapura I

### Survey – Grape Crop



Vijayapura district as an area of 25000 ha of grape and is known as California of India. Majority of area in under Thomson seedless and used for resin making. There was heavy rain in Vijayapura (970 mm) compared to August of 593 mm has the crop production due to affected to downy mildew. A team comprised of district Deputy Director of Horticulture, The Senior Scientist & Head KVK Vijayapura surveyed the Grape area Viz Tikota , Karjol, Nidoni, Kavalagi, Kaggod and Honnutagi . Majority of grapes pruned during September 2 nd fortnight to October 1 st Fortnight have been affected upto 50percent. KVK Scientist asked farmers to go for contact fungicides spray and trainings were organised and bulletins were released through mass media.

## Vijayapura II

### Field day– ICM in Brinjal

A Field Day on ICM in brinjal was conducted on 12.11.2024 at the field of Smt. Archana Kattimani in Halsangi village, Chadchan taluka, organized by ICAR- KVK, Indi. This program was designed to showcase advanced ICM

techniques through a Front-Line Demonstration (FLD) plot. Smt. Heena M. S., Scientist (Hort) highlighted key aspects such as market-oriented brinjal varieties, INM, efficient water management, and post-harvest handling practices. Dr. Prem Chand U., Scientist (Plant Protection), shared valuable insights on managing diseases and pests in brinjal, while Dr. Prakash G., Scientist (Ag), discussed intercropping and effective weed management strategies. The day included a visit to the brinjal FLD plot, where farmers engaged in practical sessions on pest & disease identification, water lure trap installation, and the use of sticky traps. Smt. Archana Kattimani shared her experience under the guidance of Smt. Heena M. S., explaining the benefits of using techniques such as seed treatment with Trichoderma (4g/kg of seed), soil application of neem cake (100 kg per acre), and AMC (20ml/l) drenching within 10 days of transplanting. She also applied foliar sprays of Vegetable Special (3g/l) thrice at 15-day intervals starting one-month post-transplanting, used yellow sticky traps, and applied neem oil (10000 ppm at 3ml/l) during the flowering stage.





## Uttara Kannada

## CDP – Value Addition



Hands on training on Processing and Value Addition in Banana and Jackfruit was organised under ARYA Project from 07.11.2024-09.11.2024 at ICAR- KVK Uttara Kannada, Sirsi. Dr Mala Giridhar Clinical Psychologist and Founder, Prashanti Foundation, inaugurated the programme by lighting the lamp. Dr. Roopa S Pati, Senior scientist and Head, KVK, UK, Sirsi, Sri Mamata Hegde, Entrepreneur (Banana value addition), Sri Shankar Bhat, Entrepreneur (Jackfruit value addition) were there on the dais. Dr Yashashwini Sharma, Scientist (Horticulture), welcomed all the dignitaries, farm women and resource persons to the programme. The participants were imparted with theoretical and practical sessions to develop their overall perspective and knowledge regarding food processing and value addition.



The topics covered during the training programme were, scope and importance of processing and value addition, hands on training on making jackfruit and banana value added products like papad, chips, BAKAHU powder, sukeli etc, hygienic maintenance and importance of FSSAI registration, and marketing of value added products. Participants were taken to Shri Ram Home Products processing unit to understand modern production and packaging techniques and to experience the practical working environment at processing unit. Trainees expressed their satisfaction and shared the learning experience during the training course and their willingness to take home level preparation of jack and banana value added products for sustainable income. The training concluded with a valedictory program where certificates and kits were given to 25 farm women.



## Udupi

### Skill Development Prog. .

Workshop on Freshwater Pearl Farming A one-day workshop on farming of freshwater pearls was organized by ICAR-KVK, Udupi in collaboration with Udupi Kinara Fish Farmers' Organization, Kodi, Sastana, Udupi Dist. The event was inaugurated by Mr. Hanuma Reddy, Executive Officer, Taluk Panchayath, Brahmavara Taluk, Udupi Dist. Dr. Shivakumara Magada, Former Dean, College of Fisheries, Mangalore was resource person. He emphasized on economics and scientific practice of freshwater pearl farming while deliberating on various farming techniques. Dr. Sadananda Acharya, Scientist from ICAR-KVK Udupi showed demonstration of how to do nucleus implantation for mantle cavity surgery. Post harvest management of the pearl mussels were also demonstrated. Over ten thousand shells were implanted as a trial farming by one of the farmers. The event was witnessed by more than hundred participants.



### Nutri garden

Nutri-garden special program from ATARI XI, Bengaluru through ICAR-KVK, Udupi, Brahmavara was taken up in several families in local region as part of campaign towards nutritional, health and balanced diet for women and children in the district. Various vegetable seedlings and manure mixtures were distributed. Training programs were conducted to teach how to sow and grow vegetables. A vegetable harvest was conducted on 10.11.2024 at one of the nutri-garden sites at Petri. The farm produce were sold at the local self-help group and NRLM Sanjeevini marts. The program was attended and witnessed by Dr. Bhoomikha, Scientist (Horticulture) and Dr. Sadananda Acharya B., Scientist (Fisheries) from ICAR-KVK, Udupi, Brahmavara. Mrs. Prasanna Bhat, a successful progressive horticulture nursery entrepreneur coordinated in implementing nutri-garden special program to various self-help group members.





## Wayanad

### Skill Development Prog. .

Skill Development Training in Mushroom Cultivation As part of the Capacity building programme, Smt. Sruthi Krishnan, Research Assistant handled a detailed session on the topic “Mushroom Cultivation Techniques” at Poothadi Krishibhavan, Kaniyambatta Krishibhavan and Mananthavady block. The training covered a range of topics including types of mushrooms, spawn production, cultivation practices, pests and diseases, shed preparation, composting techniques etc. Altogether, 117 farmers actively participated in the three training programmes.



### FLD – Cowpea . .

FLD on Integrated crop management in cowpea As part of the FLD on Integrated crop management in cowpea. During the demonstration several inputs such as Lime, Urea, Rajphos, MOP, Sampoorna,

Ayar, Pseudomonas, Trichoderma, Bavistin were distributed to farmers in Noolpuzha, Puthenkunnu, Kallur, Naykatty. Miss. Athira K.V, Assistant Professor explained it uses, application method and benefit to farmers.



### Demo – Drone technology

Demonstration of drone technology in rice in NICRA village KVK Wayanad conducted demonstration of drone technology in rice in NICRA village at Kolavally Padashekharam, Mullankolly. The micronutrient mix KAU – Sampoorna was sprayed through drone in 100 acres of paddy field. Dr.Arularasan G.S, Assistant Professor led the demonstration and Muneer, Certified drone pilot assisted the demonstration.



## Wayanad

### PRA – Climate Resilience



KVK Wayanad and CoA, Ambalavayal jointly organised the Participatory Rural Appraisal Program at Kolavally to study and suggest solutions for climate change-related issues in the agricultural sector, mainly focusing on soil and water conservation, crop diversification, and soil health management. Dr.Sreeram S, Assistant Professor, Smt. Alaka S Balan, Assistant Professor, College of Agriculture, Ambalavayal, Ms. Athira K.V, Assistant professor, KVK Wayanad and Sumi P, SRF, NICRA led the programme.

### FLD – Bitter gourd

FLD on ICM in Bittergourd and FLD on Disease Management of Downey Mildew in Bittergourd As part of the FLD on “Integrated Crop Management in Bitter gourd and FLD on disease management of Downey Mildew in Bitter Gourd, several inputs such as Lime, Mancozeb



Trichoderma, Sampoorna, Pheromone trap, Akomin, Pseudomonas, Urea, Rajphos and MOP were distributed to farmers in Thavinjal. Smt. Priya Mariyam George, Research Assistant explained it uses, application method and benefit to farmers.

### Value addition

Skill Development Training on Value Addition of Banana KVK Wayanad organized a one day training programme on “Value Addition of Banana”. The training encompassed both theory and practical sessions, covering a variety of topics such as the production of different Banana-based products and effective marketing strategies. Smt. Priya Mariyam George, Research Assistant, led the session on production of value added products from banan like Sharkaravaratti, Banana chips, Ripe banana chips, Dehydrated banana and Banana skin pickle.





## Yadgir

### CDP – Onion & Chilli

The program was organized on 11.11.2024 at Balichakra, Yadgir. The program was inaugurated by Azimuddin, Deputy Director of the Horticulture Department (ZP) Yadgir who addressed the gathering and emphasized highlighting the importance of horticulture crops to farmers. Dr. Jaiprakash Narayan, SS&H explained the importance of onion and chilli crops and highlighted the cultivation practices, fertilizer application dose, irrigation management, harvesting, storage, and marketing. Dr. Rathamma Scientist (Plant Pathology) briefed the importance of KVK in the district and its activities to farmers of Yadgir district and deliberated upon the methods of managing diseases in onion and Chilli in the present situation. Dr. Rajkumar, extension leader and head of HEEU, Yadgir He also explained, different pest and their management and 30 Farmers of Balichakra participated in the programme.



### Field Day – Groundnut

ICAR-KVK, Yadgir has conducted the Field Day on improved varieties in groundnut at Ramasamudra, Yadgir taluk on 14.11.2024. Mr. Mallan Gouda Ashnal, Progressive farmer, and Sri Mallikarjun Board member have inaugurated the program and in his inaugural speech, he said that farmers should adopt both improved varieties and organic farming practices on their farm to improve yield and soil health. Dr. Jaiprakash Narayan, SS&H KVK, Yadgir has chaired the program and during his presidential remarks, he said that to get higher income farmers should practice scientific farming by taking advice from the scientist. Dr. Raja Chavan., Scientist (Plant Pathology), KVK, Yadgir has briefed how pests and diseases will reduce the yield and cause loss to the farmers. Further, he suggested farmers take up integrated pest and disease management in crops to avoid crop loss. Finally, farmers were taken to the demonstration plots to show the results of improved varieties and technologies. Dr. Mallareddy Subject Matter Specialist (Agronomy) KVK, Yadgir briefed about the timely sowing of crops. Mr. Hanmanth Yadgir and 45 Farmers participated.





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