



Vol 02, Issue 11, 01-15 December 2023

# KVK TIMES

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

**ICAR - Agricultural Technology Application Research Institute  
Zone XI, Bengaluru**

**Keladi Shivappa Nayaka University of Agricultural and  
Horticultural Sciences, Shivamogga**

**ICAR – KRISHI VIGYAN KENDRA, Chitradurga  
Babbur Farm, Hiriyr - 577 598.**

## Demonstration Units of KVK Chitradurga



Farm Pond



Nursery Unit



Vermi Compost Unit



Dairy Unit



Poultry Unit



Sheep And Goat Stall Feeding Unit



Hydroponics Unit



Aeroponics Unit



# KVK TIMES

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



INTERNATIONAL YEAR OF  
**MILLETS**  
2023

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2023

**ICAR - Agricultural Technology Application  
Research Institute, Zone XI**  
MRS, HA Farm Post, Hebbal,  
Bengaluru - 560 024



**Dr. V. Venkatasubramanian**  
Director

## 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 Chitradurga is bringing up the 11 issue of second volume of KVK TIMES covering the 1<sup>st</sup> to 15<sup>th</sup> fortnight of December 2023. I congratulate the KVK fraternity of Zone XI specially, Dr. Kumara O., Senior Scientist and Head and his team of KVK, Chitradurga for bringing out this unique edition of KVK Times.

**Dr. V. Venkatasubramanian**  
Director





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Agricultural and Horticultural Sciences**  
Iruvakkki, Shivamogga



**Dr. R.C. Jagadeesha**  
Vice-Chancellor

## FOREWORD

I am pleased to extend my heartfelt appreciation for the invaluable role played by Krishi Vigyan Kendra's (KVK) established by ICAR in enhancing the lives of the farming community through their commendable efforts. These centers act as vital contributors by providing a technological foundation, disseminating knowledge and imparting crucial skills to farmers.

The KVKs, established by ICAR, play a pivotal role in addressing the local and immediate needs of farmers, effectively navigating the challenges faced by extension services. Serving as a bridge between Research, Extension, and Farmers, these Vigyan Kendras are instrumental in translating research insights into tangible benefits for farmers. Indeed, KVKs emerge as down-to-earth institutions tirelessly working towards the transfer of knowledge from research institutions to the fields. They essentially serve as beacons of rural development.

It brings me immense joy to learn about the upcoming release of the first fortnight of December 2023 issue of "KVK TIMES" by ICAR - Krishi Vigyan Kendra, Chitradurga. The innovative initiative by ICAR-ATARI Bengaluru in bringing forth "KVK TIMES" is commendable by shedding light on the activities and success stories of KVKs under Zone XI.

The efforts of the KVK Chitradurga team are truly praiseworthy and I extend my heartfelt congratulations to the entire team at ICAR-KVK, Chitradurga. Their genuine concern and exceptional service to the farming community are evident and I anticipate that their endeavors will significantly contribute to the improvement of farmers' livelihoods.

A special mention must be made of the KVK's "farmers' participatory onion seed production" program under the seed village concept, a unique approach that has undoubtedly impacted the lives of the farming community at a national level. I would like to express my gratitude for the kind cooperation and support received from the Director of Extension, which has undoubtedly contributed to the success of these initiatives.

May this issue of "KVK TIMES" serve as a source of inspiration for all individuals involved in teaching and learning, stimulating their minds towards furthering agricultural excellence. My best wishes extend to all KVKs and ATARI, Zone XI, urging them to continue their vital roles in serving the farming community and addressing the specific needs of farmers at the local level.

**Dr. R.C. Jagadeesha**  
Vice-Chancellor





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Iruvacki, Shivamogga



**Dr. K.T. Gurumurthy**  
Director of Extension

## PREAMBLE

Since inception of Krishi Vigyan Kendras (KVKs) under ICAR system it have been engaged efficiently in the improvement of standard of living of farmers and were of national importance which would help in accelerating the agricultural production leading to improvement of the socio-economic conditions of the farming community. Main aim is to transfer the technologies developed by the agricultural scientists to the farmers in a fast and effective manner. In this direction, documentation of various activities carried out by KVKs is an important task and this will help in furthering sustainable technologies in agriculture. This is an idiosyncratic attempt of ATARI, Bengaluru in corroborating the activities and success stories of various KVKs. This would serve as a ready reference for accessing important milestones achieved in the zone.

I wish all the KVKs to work hard to keep the spree of great success and thereby make a mark in their respective districts by effectively serving the farming community. Applause to the entire team of ATARI and all KVKs of Zone XI for constantly publishing the newsletter on time. I am definite that this publication would aid the KVKs to share their innovative activities periodically and accomplish their mission more enthusiastically and effectively. The earnest contribution of all the stakeholders in bringing out this splendid KVK TIMES is worth admiration.

I express my best compliments and sincere appreciation to the entire team of Chitradurga KVK and its Senior Scientist and Head, O.Kumara., for their truthful involvement in assembling the activities of KVKs under Zone XI meticulously and bringing out December<sup>st</sup>1 to 1<sup>st</sup> 2023 issue of KVK TIMES.

**Dr. K.T. Gurumurthy**  
Director of Extension





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Agricultural and Horticultural Sciences**  
Iruvakkki, Shivamogga



**Dr. Kumara .O**  
Senior Scientist and Head,  
KVK Chitradurga

## ACKNOWLEDGEMENT

It is indeed my privilege to compile and edit the 1<sup>st</sup> fortnight issue of December, 2023 of 'KVK TIMES' for as this include the mammoth achievements of KVK's of Zone XI. My profuse thanks to ATARI, Bengaluru for giving us this opportunity.

I acknowledge with sincerity, the constant encouragement and support we receive from our Honorable Vice Chancellor, Dr. R.C Jagadeesha., Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences (KSNUAHS), Shivamogga in carrying out our KVK activities and his constant incitement to serve the farming community to the best of our abilities.

I pay my deep sense of thankfulness for diligence support showed at each step of compilation by Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru which made us to bring out this issue with expedite. I would like to extend my profound gratitude to Dr. D.V. Srinivasa Reddy, Principal Scientist and nodal officer of our KVK, ATARI, Bengaluru, for their constant support to move positively during execution of all our activities.

I am obliged to our beloved Director of Extension, KSNUAHS, Shivamogga Dr. Gurumurthy. K.T for his incessant support for our KVK.

I wish to thank all my fellow colleagues of KVK family of Zone XI in sharing the valuable tasks on time which they carried out in past fortnight for the benefit of the farming community. I thank whole heartedly my entire team of ICAR- Krishi Vigyan Kendra, Chitradurga for their continual support and valuable suggestions for effective emanate of this issue.

**Dr. Kumara .O**  
Senior Scientist and Head,  
KVK Chitradurga



## CONTENTS

Sl. No.	KVK Names	Page No.
1	Entrepreneur From start up to a Success .....	1 - 43
2	KVK Chitradurga .....	44 - 47
3	KVK Alappuzha .....	48
4	KVK Bagalkote .....	49
5	KVK Ballari .....	50
6	KVK Belagavi-I .....	51
7	KVK Belagavi-11 .....	51
8	KVK Bengaluru Rural .....	54
9	KVK Bidar .....	54
10	KVK Calicut .....	56
11	KVK Chamarajanagar .....	57
12	KVK Chikkaballpaur .....	58
13	KVK Chikkamagalur .....	59
14	KVK Dakshina Kannada .....	60
15	KVK Davanagere .....	61
16	KVK Dharwad .....	62
17	KVK Ernakulam .....	64
18	KVK Gadag .....	64
19	KVK Hasan .....	66
20	KVK Haveri .....	67
21	KVK Idukki .....	68
22	KVK Kalaburagi-I .....	69
23	KVK Kalaburagi-II .....	70

## CONTENTS

Sl. No.	KVK Names	Page No.
24	KVK Kannur .....	70
25	KVK Kodagu .....	71
26	KVK Kolar .....	71
27	KVK Kollam .....	73
28	KVK Koppal .....	74
29	KVK Kottayam .....	
30	KVK Lakshadweep .....	77
31	KVK Malappuram .....	77
32	KVK Mandya .....	80
33	KVK Mysuru .....	80
34	KVK Palakkad .....	83
35	KVK Pattanamthitta .....	84
36	KVK Raichur .....	85
37	KVK Ramanagara .....	85
38	KVK Shivamogga .....	86
39	KVK Thrissur .....	87
40	KVK Trivandrum .....	89
41	KVK Tumakur-1 .....	90
42	KVK Tumakuru-11 .....	90
43	KVK Udupi .....	91
44	KVK Uttara Kannada .....	91
45	KVK Vijayapura-I .....	92
46	KVK Waynad .....	93

# Entrepreneur From start up to a Success



**Name: Smt. Padma**  
**Address: Dodda Siddavvanahalli, Chitrdurga TQ,**  
**Chitradurga Dist, Karnataka**

**Contact No.: 9902597487**



Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b> 47</p> <p><b>Education:</b> SSLC</p> <p><b>Family Size:</b> 2</p> <p><b>Annual Income:</b> 2,50,000/-</p> <p><b>Source of Income:</b> Single/Multiple If Multiple, specify</p>	<p><b>Enterprise Name:</b> Pranathi Siridhanya Ahara Utpanna Nisarga Sanjeevini</p> <p><b>Start Year:</b> 2015</p> <p><b>Type of Enterprise:</b> Food based</p> <p><b>Single/Partnership:</b> Both</p> <p><b>Initial Investment:</b> 1,00,000/-</p> <p><b>Annual Turnover:</b> 5,00,000</p>

**How you got the idea of starting this enterprise?**

RUDSET, NABARD, School Teachers encouraged to take up entrepreneurship.

**What are the Initial difficulties you faced in starting Business?**

Marketing problems, Not able to produce as per the order, financial problem etc

**Did you have the success as soon as you start business, how many years it took to get success?**

Three Years

**Technical support:**  
Krishi Vigyan Kendra Chitradurga, RUDSETI, NABARD

**Financial Assistance:**  
Udyogini Scheme, MUDRA yojane from Karnataka Grammena bank, SELCO

**Over a period of years, Have you expanded business and what all the additional business you have started?**

Over a period of years, I expanded my business in terms of production increase, increase in number of items, adopted mechanised ways of production especially with roti preparation



## Suggestions to the people who want to become entrepreneurs

Put hard work, should possess patience, expose to new technologies ,utilise the available opportunities to the maximum extent and be up-dated with respect to marketing channels

### Awards received:

1. DONBOSCO school issued Prize for Sustainable Entrepreneurship
2. Prajavani News Paper Issued Prize for Sustainable Entrepreneurship
- 3 . NABARD issued prize for Chiki preparation on International Women's Day
4. Karnataka Vikasa Ratna Prashasti for Sustainable Entrepreneurship



(Dr. Saraswathi J.M , Scientist , Home Science)

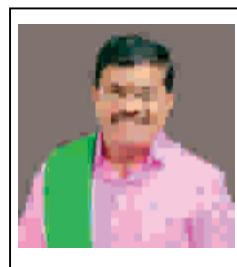


**Name:** Mahalingappa Ittnal

**Address:** Sanganatti village, Rabakavi-Banahatti Taluk,

**Bagalkote District**

**Contact No.:** 9019251111 / 9916251111



**Profile of Entrepreneur**

**Age:** 42

**Education:** 10<sup>th</sup> standard

**Family Size:** 09

**Annual Income:** 1.6 Crore

**Source of Income:** Single/Multiple

**If Multiple, specify :** Single

**Entrepreneurship Traits**

**Enterprise Name:** Nature Jaggery

**Start Year:** 2020

**Type of Enterprise:** Organic Jaggery

**Single/Partnership:** Single

**Initial Investment:** 5-10 lakhs

**Annual Turnover:** 3.0 – 4.5 Crore

**How you got the idea of starting this enterprise?**

Non availability of organic and good quality jaggery in the market for consumption.

**What are the Initial difficulties you faced in starting Business?**

Product development

Organic jaggery making

Suitable market place

**Did you have the success as soon as you start business, how many years it took to get success?**

It took more than 1 to 1.5 year

**Technical support:**

He has taken technical support from ICAR-Krishi Vigyan Kendra, Bagalkote for the production of different types of Jaggery products.

**Financial Assistance:**

He has taken financial support from Agriculture department under ODOP scheme and Bank of Baroda for starting the business.



**Over a period of years, have you expanded business and what all the additional business you have started?**

Yes

- He exports his products Jaggery to Switzerland, Australia, Dubai, Mauritius and United States of America.
- Through his business he earns 1.6 crores annually.

**Suggestions to the people who want to become entrepreneurs**

- Should make good quality products.
- Should be cheap and reliable.
- Should have good business skills.

**Awards received:**

Best Farmer in India Award - 2022 from Sugarcane Breeding Institute





**Video link of the success story of Entrepreneur**

Channel Name: Sadhana Academy

Video Link: <https://youtu.be/ksuBPPTjm1s?si=0ldBcPMpKiY0yaQQ>



<p><b>Name:</b> Smt. Shridevi P. Patil</p> <p><b>Address:</b> Saptasagar, Tq: Athani</p> <p><b>Contact No.:</b>9538587555</p>		
<p style="text-align: center;"><b>Profile of Entrepreneur</b></p> <p><b>Age:</b>32</p> <p><b>Education:</b> 10th</p> <p><b>Family Size:</b> 4</p> <p><b>Annual Income:</b> 9 to 10 Lakhs</p> <p><b>Source of Income:</b> Single</p>	<p style="text-align: center;"><b>Entrepreneurship Traits</b></p> <p><b>Enterprise Name:</b> Saptasagar Gold oil unit</p> <p><b>Start Year:</b> 2015-19</p> <p><b>Type of Enterprise:</b> Edible oil extraction</p> <p><b>Single/Partnership:</b> Single</p> <p><b>Initial Investment:</b> 1.25 Lakhs</p> <p><b>Annual Turnover:</b> 18 lakhs</p>	
<p><b>How you got the idea of starting this enterprise?</b></p> <p>Through KVK EDP programme</p> <p><b>What are the Initial difficulties you faced in starting Business?</b></p> <p>Making and sourcing of raw materials</p> <p><b>Did you have the success as soon as you start business, how many years it took to get success?</b></p> <p>It took 1 year to achieve the success</p> <p><b>Technical support:</b></p> <p><b>KVK has extended technical support in finalisation of oil expeller, packing, labelling and FSSI certification</b></p> <p><b>Financial Assistance:</b></p> <p>Own funding</p> <p><b>Over a period of years, have you expanded business and what all the additional business you have started?</b></p> <p>Sale counter was opened in two places.</p> <p><b>Suggestions to the people who want to become entrepreneurs</b></p> <p>Entrepreneurship is very exciting and challenging at same time. If you believe in your enterprise / business idea, you have to put your blood and sweat in to it and you will be successful. Hard work, networking, patience and perseverance are the virtue of good entrepreneurship.</p>		



**Awards received:**

Women entrepreneurship award by taluk administration.

Felicitation and recognitions from KVK and Dept. of Agriculture, Athani.



**Name: Mr. Pramith Kumar P. S.**

**Address: S/o Shivakumarswamy P**

**Padaguru village, Gundlupete taluk**

**Chamarajanagara district – 571 123**



**Contact No.: 9916578844**

**E-mail ID: [pramithpadaguru2007@gmail.com](mailto:pramithpadaguru2007@gmail.com)**

Profile of Entrepreneur	Entrepreneurship Traits
<b>Age:</b> 37 years	<b>Enterprise Name:</b> Padaguru Organic Jaggery
<b>Education:</b> Diploma in Engineering	<b>Start Year:</b> 2018-19
<b>Family Size:</b> 06	<b>Type of Enterprise:</b> Agriculture
<b>Annual Income:</b> 6 lakhs	<b>Single/Partnership:</b> Partnership
<b>Source of Income:</b> Single/Multiple: Single	<b>Initial Investment:</b> 5 lakhs
If Multiple, specify	<b>Annual Turnover:</b> 4-6 lakhs

**How you got the idea of starting this enterprise?**

Value addition serves as secondary source of income and having awareness about the health benefits of organic produces helped to start the enterprise.

**What are the Initial difficulties you faced in starting Business?**

In the initial period, marketing the products was the major constraint faced.

Competition, lack of communication and lack of marketing linkages.

**Did you have the success as soon as you start business, how many years it took to get success?**

As he faced marketing constraints in the initial period, there was a slow progress. Later, with the background of visits to model sugarcane growers' field, organic cultivation practices of sugarcane and organic Jaggery production, helped to gain success after four years.



**Technical support:**

Self study, farmers' field visit, capacity building programmes organized by KVK Chamarajanagara and through participation in various extension platforms like Krishi melas and exhibitions.

**Financial Assistance:**

self

**Over a period of years, have you expanded business and what all the additional business you have started?**

Over the period, he has extended business during 2023 towards production and marketing of organic turmeric powder and cold pressed coconut oil.

**Suggestions to the people who want to become entrepreneurs**

Hard work, consistent effort with good marketing linkage and support from extension personnel will definitely aid to become a successful entrepreneur.

**Awards received:**

Bio agriculture award by Barrix Agro Sciences Private Limited



**Video link of the success story of Entrepreneur**

<https://youtu.be/WeqO18GU7Pw>



**Name:** Mr. Prashant Reddy

**Address:** Batlahalli village, Chintamani taluk,

Chikkaballapura district

**Contact No.:** 9902808424

**E-mail ID:** prashan.reddy3@gmail.com



**Profile of Entrepreneur**

**Age:** 32 years

**Education:** M.Tech. Computer Science and Engineering

**Family Size:** 04

**Annual Income:** 9 lakhs

**Source of Income:** Multiple

Agriculture and Employee

**Entrepreneurship Traits**

**Enterprise Name:** Prashant Organics

**Start Year:** 2019

**Type of Enterprise:** Beekeeping

**Single/Partnership:** Single

**Initial Investment:** 10 lakhs

**Annual Turnover:** 31 lakhs

**How you got the idea of starting this enterprise?**

Planned to start apiculture enterprise after participating in training programme on bee keeping at ICAR-KVK, Chikkaballapura

**What are the Initial difficulties you faced in starting Business?**

Financial crunch, maintenance of bee colonies and marketing

**Did you have the success as soon as you start business, how many years it took to get success?**

It took three years to get the success

**Technical support:** ICAR-KVK, Chikkaballapura

**Financial Assistance:** Self

**Over a period of years, have you expanded business and what all the additional business you have started?**

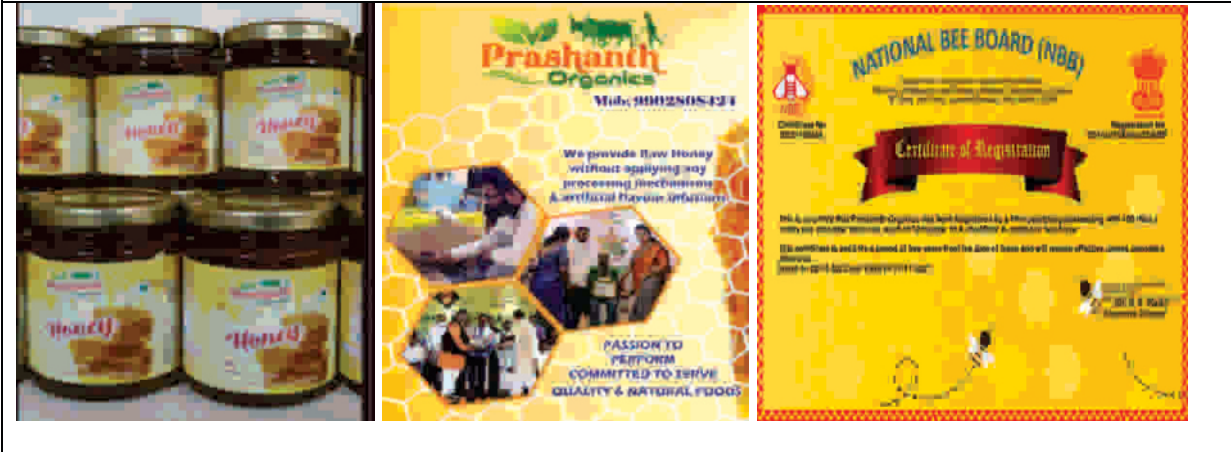
Started with production of 0.06 tons in 2019 gradually expanding to 2.0 tons in 2020, 3.5 tons in 2021 and 5 tons in 2022.



## Suggestions to the people who want to become entrepreneurs

There is a huge scope for entrepreneurship in agriculture, it's not only production that matters in success of business, marketing and promotion has its own role in getting the success and good remuneration.

**Awards received:** Taluk level best farmer award and ATMA award



<p><b>Name: Smt. Rashmi D</b>  <b>Address: Kadur, Kadur tq,</b>  <b>Chikkamagaluru district, Karnataka</b>  <b>Contact No.: 9611609483</b>  <b>E-mail ID: rashmidrashmid271@gmail.com</b></p>	
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Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b>37  <b>Education:</b> P.U.C  <b>Family Size:</b> 4 members  <b>Annual Income:</b> 6.00 Lakhs  <b>Source of Income:</b> Multiple            ( Enterprise and agriculture )</p>	<p><b>Enterprise Name:</b> Rashmi Food Products  <b>Start Year:</b> 2013  <b>Type of Enterprise:</b> Food products  <b>Single/Partnership:</b> Single  <b>Initial Investment:</b> Own savings (Rs. 50,000)  <b>Annual Turnover:</b> 40.00 Lakhs</p>

**How you got the idea of starting this enterprise?**  
 I always thought about to do something innovative venture and I was cultivating crops viz. coconut, arecanut, drumstick, curry leaf and millets. The income from the farming was not sufficient to meet out the family and my children education expenditure. So, I decided to start own enterprise for preparation of value added products from spices and millets.

**What are the Initial difficulties you faced in starting Business?**  
 Financial support  
 Lack of technical support  
 Marketing

**Did you have the success as soon as you start business, how many years it took to get success?**  
 No

**Technical support:**  
 ICAR – Krishi Vigyan Kendra , Chikkamagaluru

**Financial Assistance:**  
 Pradhan Manthri Formalization of Micro Food enterprises scheme for purpose of unit extend, purchasing of packaging machineries. In that scheme I have been sanctioned Rs.25 lakh in that 2.5 lakh is margin money and got subsidy of 50% in that scheme.



**Over a period of years, have you expanded business and what all the additional business you have started?**


Initially i started to prepare spice powder products and use in my family and relatives. After getting good responses and health benefit in the family. I started to sell in kisan Mela, workshop and I marketed my product by giving assurance to the people for better taste, quality and for delivery of health issues with passage of time, I have earned good income and satisfaction after the response of people.

**Suggestions to the people who want to become entrepreneurs.**

Start-up will provide livelihood security to the rural unemployed youth and develop the leadership quality.

**Awards received:** No



<p><b>Name:</b> Shri. Shibu T S  <b>Address:</b> Tahithara (H), Karumaloor,  Ernakulam  <b>Contact No.:</b>9947923719</p>	
<p style="text-align: center;"><b>Profile of Entrepreneur</b></p> <p><b>Age:</b> 51 years  <b>Education:</b> VHSE  <b>Family Size:</b> 4 members  <b>Annual Income:</b> 1 lakh  <b>Source of Income:</b> Single  If Multiple, specify</p>	<p style="text-align: center;"><b>Entrepreneurship Traits</b></p> <p><b>Enterprise Name:</b> Pearlsport Seed production  <b>Start Year:</b> 2018  <b>Type of Enterprise:</b> Pearlsport Seed production  <b>Single/Partnership:</b> Single  <b>Initial Investment:</b> 1.25 lakhs  <b>Annual Turnover:</b> 1 lakh</p>
<p><b>How you got the idea of starting this enterprise?</b>  Attended KVK trainings on Pearlsport seed production and based on the ideas started this enterprise.</p> <p><b>What are the Initial difficulties you faced in starting Business?</b>  Mainly predator issues like Otter menace, Cormorant issues.</p> <p><b>Did you have the success as soon as you start business, how many years it took to get success?</b>  After start up of enterprise, within 1-2 years with the marketing support of KVK Farm store, we could get profit from the enterprise.</p> <p><b>Technical support:</b>  KVK provided training support for Pearlsport seed production and marketing support for sale of fish fingerlings.</p> <p><b>Financial Assistance:</b></p> <p><b>Over a period of years, have you expanded business and what all the additional business you have started?</b>  Initially, the Pearlsport seed production was started in an area of 80 cents and later expanded to 1 acre and 40 cents.</p> <p><b>Suggestions to the people who want to become entrepreneurs</b>  It is a profitable enterprise provided you get good marketing support.</p>	





**Entrepreneur: From start up to a Success**



**Name:** Ranjith B S  
**Address:** #80, Bage, Sakleshpur, Hassan - 573217  
**Contact No.:** 7760787110  
**E-mail ID:** ranjithbage@gmail.com

**Profile of Entrepreneur**

**Age:** 29  
**Education:** B.com  
**Family Size:** 3  
**Annual Income:** 6 lakhs  
**Source of Income:** Single

**Entrepreneurship Traits**

**Enterprise Name:** Beaubees Beekeeping Services LLP (Beautiful Bees)  
**Start Year:** 2018  
**Type of Enterprise:** Service LLP  
**Single/Partnership:** Single  
**Initial Investment:** 10,000/-  
**Annual Turnover:** 14,00,000/-

**How you got the idea of starting this enterprise?**

Came across an eye opening article on internet named Colony Collapsing Disorder”, from which I learnt that bees are dying. This article motivated me to take up bee keeping to save the bees. Initially started with one hive and practiced beekeeping for a year. Eventually learnt that there’s enormous demand for the beehives from the farmers and planters as bees were the major pollinators. As a result I set up beekeeping firm.

**What are the Initial difficulties you faced in starting Business?**

One major issue was sourcing the bee colonies as it was very difficult to find natural colonies and capture them, but gradually overcame the issue by starting to split and breed the colonies.

**Did you have the success as soon as you start business, how many years it took to get success?**

Yes, success came soon, as there was good demand for the beehives and the service provided by our firm fulfilled all the requirements our farmers and planters. It took one and half a year to consider it as a successful business.

**Technical support:** ICAR-Krishi Vigyan Kendra, Kandali, Hassan conducted 5 days training programme on beekeeping during 2018. Which enhances the knowledge and skill about honey bee rearing, colony handling *etc.*,

**Financial Assistance:** Nil



**Over a period of years, have you expanded business and what all the additional business you have started?**

Yes, initially our service was limited to single village but gradually we expanded or service to 4 districts. Presently, we are maintaining over 800 beehives for 200+ farmers and planters. Earlier we were selling bee colonies but later we started manufacturing bee boxes and later we ventured into selling honey.

**Suggestions to the people who want to become entrepreneurs**

Business ideas will succeed only when we try to solve an existing problem, so if anybody is willing to solve someone's problem or make someone's life easier then it will lead us to success.

**Awards received:** Nil



**Video link of the success story of Entrepreneur**

<https://youtu.be/NPD4xcs62pk>



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Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b> 34</p> <p><b>Education:</b> Degree</p> <p><b>Family Size:</b> 5</p> <p><b>Annual Income:</b> Rs. 32,10,000/-</p> <p><b>Source of Income:</b> Single If Multiple, specify</p>	<p><b>Enterprise Name:</b> Monsoon Mushrooms</p> <p><b>Start Year:</b> 2017</p> <p><b>Type of Enterprise:</b> Mushroom farming</p> <p><b>Single/Partnership:</b> Single</p> <p><b>Initial Investment:</b> Rs.1000/-</p> <p><b>Annual Turnover:</b> 5184000/-</p>

**How you got the idea of starting this enterprise?**  
 Training on mushroom cultivation at KVK Kannur under ICAR-ARYA programme

**What are the Initial difficulties you faced in starting Business?**  
 Lack of infrastructure in quality mushroom production resulted in contamination of mushroom beds was the major problem faced at initial stages. Lack of quality spawn and media for mushroom production.

**Did you have the success as soon as you start business, how many years it took to get success?**  
 Started mushroom cultivation in a small shed with 100 beds. It became successful after 2 years by adopting the protocol of mushroom farming gained under ARYA programme

**Technical support:** ICAR-ARYA Programme of Krishi Vigyan Kendra Kannur, Kerala Agricultural University

**Financial Assistance:** Kisan Credit Card support from SBI Punnad and Canara Bank Iritty and JLG Agri Loan from Punjab National Bank, and support from NULM through Kudumbashree Mission.

**Over a period of years, have you expanded business and what all the additional business you have started?**  
 Created a brand “Monsoon Mushrooms” with technical support from ICAR-ARYA project by KVK Kannur  
 Established two hi-tech mushroom units with production capacity of 7t/year earning profit of Rs. 22 Lakhs  
 Producing 20000 packets of spawn per year with a profit of Rs. 3.5 Lakhs  
 Established processing unit for pickle and soup powder with a profit of Rs. 3.6 Lakhs per year



Introduced an innovative intervention of using mushroom pellet as a growth medium for easy mushroom production and marketing about 30 t/year with a profit of Rs. 3 Lakhs  
Generating 1440 Man-days by providing employment for 4 men and 2 women.  
Initiated product diversification through mushroom soup powder, mushroom pickle etc.

### **Suggestions to the people who want to become entrepreneurs**

People who are interested to start business should undergo skill training from reputed organizations such as KVKs, agricultural universities, state departments, RUDSETI etc. Start all business in small scale to know the challenges and opportunities of entrepreneurship including marketing of the products. Plan a strategy to have short term, medium term and long-term income from the business. Develop a business plan and follow consumer centric approaches in business. Create strategies to deal with different categories of customers and maintain a good customer relationship to increase satisfaction of customers. More emphasis should be given for branding, packing and labelling following all rules and regulations. Use all available options in marketing including online marketing and also utilize the potential of social media for expanding business.

### **Awards received:**

National Millionaire Farmer of India Awards-2023



### **Video link of the success story of Entrepreneur**

News in media

<https://youtu.be/l-sVi97gJ9w?si=DsgWWvTirXnR5Msf>

[www.youtube.com/@monsoonmushrooms4599](http://www.youtube.com/@monsoonmushrooms4599)



Name: Smt. Rathnamma

Address: Gundamantha Srnivasapura tq  
Kolar District- 563126

Contact No.:8861822142

E-mail ID: vedhikfoodpvt15@gmail.com



Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b>43</p> <p><b>Education:</b> PUC,TCH</p> <p><b>Family Size:</b>4</p> <p><b>Annual Income:</b> Rs. 1.18 Crores</p> <p><b>Source of Income:</b> Single</p>	<p><b>Enterprise Name:</b> Millet and Pickle processing unit</p> <p><b>Start Year:</b> 2017</p> <p><b>Type of Enterprise:</b> cleaning and packing of millets, millets malt, millet upma mix, millet dosa mix and millet idly mix and other products like Mango pickle, Aonla pickle, Tomato pickle, masala powder products</p> <p><b>Single/Partnership:</b> Single</p> <p><b>Initial Investment:</b> Rs. 7000</p> <p><b>Annual Turnover:</b> Rs. 1.18 Crores</p>

**How you got the idea of starting this enterprise?**

She attended five days vocational on campus training programme on “Women Empowerment through Value addition, Marketing and Health benefits of Minor Millets” held at ICAR - KVK, Kolar on 3 to 7.7.2017. She is into Value addition and processing of millets, pickle preparation (Aonla, Mango and Tomato) and masala powder products preparation by adopting ICAR-IIHR, Bengaluru, ICAR-IIMR, Hyderabad and UHS, Bagalkote technologies for value addition and processing

**What are the Initial difficulties you faced in starting Business?**

Mrs. Rathnamma was interested in Value addition of Agricultural and Horticultural produce. She is a leader for 10 SHG groups. She was interested to do own business in her home at free time. She was earlier preparing Mango pickle and supplying to different shops in Srinivasapura Taluk. She was interested to go for minor millets processing and value added products preparation. She approached KVK and explained about her needs and looking into her interest we conducted a group discussion and formed interested farm women as a SHG group of twenty women exclusively for preparation of value added products of minor millets. We have formed “Vaibhav Siridhanya Swasahaya Sang a” for preparation value added products and marketing of minor millets.



**Did you have the success as soon as you start business, how many years it took to get success?**

Initial days is very difficult to sale the prepared value added products. To succeed in b usiness it has taken 6 years. The products prepared from minor millets and value added products exhibited and sold in Krishi melas, Dasara Festival, Udyana Mela, Mago and Jackfruit Mela, Lalbagh Bengaluru, Flower Show organized by Dept. Horticulture, Kolar, KVK programmes. Linked for online marketing of value added products through “kisan cart portal.

**Technical support :** ICAR -KVK, Kolar advised to adopt low cost ripening chamber technology to natural ripen of her own garden Mangoes. She also purchases raw M mangoes from FPO’s, SHG’s members and sell ripened Mangoes after packing and branding in 3 kg boxes to apartments in Bengaluru and also through online marketing platforms since 2018 - 19.

**Financial Assistance:** Under financial assistance from ATMA, Dept. of Agriculture, Pradhan Mantri Formalization of Micro food processing Enterprises (PMFME), Ministry of Food Processing Industries (MOFPI), New Delhi, she established millet processing and pickle unit during 2019-20 and 2022-23 respectively

**Over a period of years, have you expanded business and what all the additional business you have started?**

She has started with millet processing unit. Now she expanded her business by establishing pickle processing unit, cold chamber, and solar dryer chamber.

**Suggestions to the people who want to become entrepreneurs**

I suggested to new entrepreneurs attend training program conducted at KVKs to start a business. In KVK they can able to take technical guidance and information on financial schemes and free stalls in melas etc.

In KVK they will guide packaging, branding and marketing opportunities of the developed products.

**Awards received:** Taluk and District level Best farm women award by UAS,GKVK, Bangalore (2018, 2020)

Zilla Rajyothsava Award (2021)

State level Udayonmuka Krishi pandit Award by Govt. of Karnataka, (2022)

Canara Bank state level best farm women award, UAS GKVK Bengaluru (2023)


Billionaire award from ICAR.





**Video link of the success story of Entrepreneur:**  
<https://www.youtube.com/watch?v=02RIV7ZnWks>



<p><b>Name: Smt. Sushama P T</b>  <b>Address: DREAMS, K.Puram (post)</b>                  Tanalur, Malappuram (DT) 676307, Kerala  <b>Contact No.:</b> 9947122970  <b>E-mail ID:</b> sushamajayaprakash1403@gmail. com</p>		
<p><b>Profile of Entrepreneur</b></p> <p><b>Age:</b>53  <b>Education:</b> MA Sociology  <b>Family Size:</b>5 Members  <b>Annual Income:</b>12 Lakhs  <b>Source of Income:</b> Single/Multiple                  Multiple (Integrated farming system and processed food items)</p>	<p><b>Entrepreneurship Traits</b></p> <p><b>Enterprise Name:</b> Sushas food products  <b>Start Year:</b>2019  <b>Type of Enterprise:</b> Coconut based organic certified integrated farming system and Food processing unit  <b>Single/Partnership:</b> Single  <b>Initial Investment:</b>75 Lakhs</p>	
<p><b>How you got the idea of starting this enterprise?</b>                  I'm started agriculture as a passion and over years my farming extended to more than 10 acres of coconut based farming system and eventually started food processing unit also.</p> <p><b>What are the Initial difficulties you faced in starting Business?</b>                  Initially difficulties were faced in marketing especially during Covid time, later retail outlets were started with the help of Krishibhavan. Recently ventured into online marketing through e commerce platforms like amazon, flipkart etc.</p> <p><b>Did you have the success as soon as you start business, how many years it took to get success?</b>                  It took more than 3 years to flourish my business, over these years I expanded business slowly from terrace garden to Coconut based organic certified integrated farming system, organic manures and bio inputs production unit and food processing unit which blend modern technologies and traditional practices.</p> <p><b>Technical support:</b>                  KrishiBhavan (Kerala State Agriculture and Farmers Welfare) and KVK (KrishiVigyan Kendra), Malappuram provided timely technical support</p> <p><b>Financial Assistance:</b>                  Timely financial assistance obtained from SHM (State Horticulture Mission) and Krishibhavan.</p> <p><b>Over a period of years, have you expanded business and what all the additional business you have started?</b>                  1. Low cost farm compost technology for better nutrient recycling &amp; soil health rejuvenation.                  2. Cost effective Organic bio pesticides/botanicals for pest management unit                  3. A novel ready to use value added product from Coconut - <i>Traditional curry mixture</i> -</p>		

*'Nadancurrykootu'*

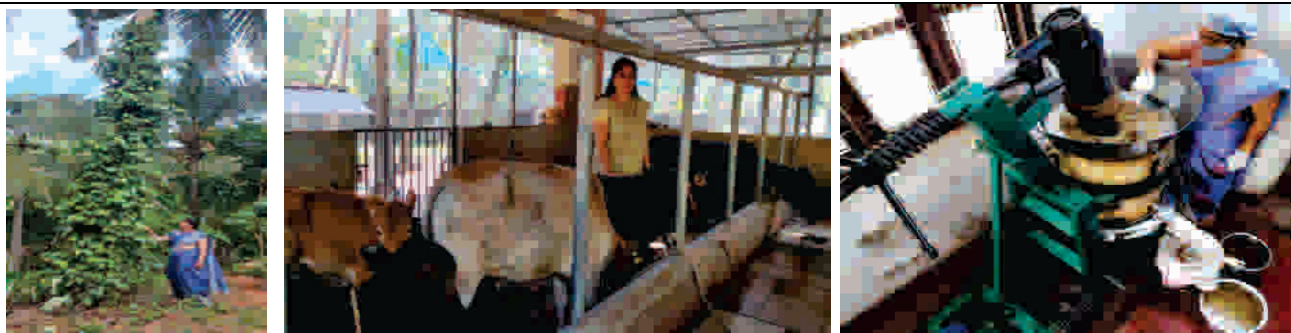
- 4. Integrated organic farming system
- 5. Multi-tier cropping pattern & crop diversification
- 6. Fresh water fish cultivation
- 7. Dairy unit
- 8. Goat rearing
- 9. Poultry unit
- 10. Herbal, Medicinal and spices garden
- 11. Marketing value added product from coconut under Brand name “Susha’s Food Products”
- 12. Product regime has been expanded to masala mixtures, spice mixes, sesame products, tuber flours, cosmetics.

**Suggestions to the people who want to become entrepreneurs**

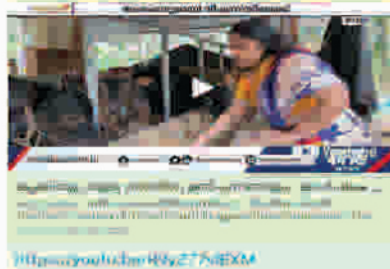
Choose a business aligned with your interests and passion. It will keep you motivated during challenges. Develop a business plan focussing the marketing opportunities.

**Awards received:**

- 1. Karshakathilakam Award for the best farmer of Malappuram District in 2020
- 2. Best farmer of Tanalur Panchayat in 2016
- 3. Kisan Samruddhi Award 2022 for the best woman entrepreneur



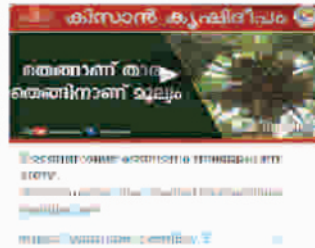
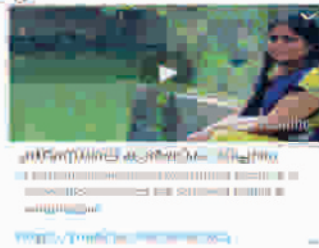
1. Documentary on farming and value addition telecasted in Media One news channel under Kissan Kerala programme of duration 5 minutes in Malayalam language. (<https://youtu.be/R9vZ77vIEXM>).



2. Documentary of the farm done by Dooradarshan, in the year 2021 in Malayalam language. Susha's farm (success story of a women farmer from malappuram)



3. Director of Marketing Agri (VAIGA)



**Name:** Naveen Kumar HM  
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 Rathanpuri Village and Post, Hunsur, Mysore, Karnataka

**Contact No.:** 9008005521  
**E-mail ID:** help.shuddhaaharmysore@gmail.com



**Profile of Entrepreneur**

**Age:** 40  
**Education:** MBA  
**Family Size:** 5  
**Annual Income:** 55 lakhs  
**Source of Income:** Multiple

Unlock diverse income streams with 12 acres of thriving horticulture, value added products from Abhay's natural food processing unit, and lucrative MNC consultancy.

**Entrepreneurship Traits**

**Enterprise Name:** Abhay Natural Food Processing Unit  
**Start Year:** 2021  
**Type of Enterprise:** Proprietorship  
**Single/Partnership:** Single  
**Initial Investment:** 3600000  
**Annual Turnover:** 38 lakhs

**How you got the idea of starting this enterprise?**  
 Our innovative approach of converting raw banana into raw banana flour amid the challenges of selling harvested bananas during the COVID -19 pandemic showcases adaptability and resilience. The connection with our High Net Worth Individual (HNI) client using a similar ingredient imported from the UK, but manufactured in India, opens up exciting possibilities for value addition. Exploring the idea of incorporating banana flour into our product line, such as Bakahu, not only adds value but also aligns with global trends of healthy and unique food options. This strategic move has the potential to diversify your offerings and tap into a growing market.

**What are the Initial difficulties you faced in starting Business?**  
 Starting a business in Bakahu agri -entrepreneurship at Abhay Natural Food Processing Unit likely posed several initial challenges. Common difficulties in such ventures may include:  
**Market Research:** Understanding the market demand, consumer preferences, and potential competitors can be challenging, especially when introducing a unique product like Bakahu.  
**Supply Chain Management:** Coordinating the sourcing of raw materials, especially from our own farm and farmers network, and ensuring a consistent supply can be a logistical challenge.  
**Processing Technology:** Developing or adopting efficient processing technology for converting raw bananas into Bakahu while maintaining quality standards may have required initial investment and expertise. Hence we have taken 10 food technology transfer to be the best in class processing activities.



**Regulatory Compliance:** Navigating through regulatory requirements, obtaining necessary permits, and adhering to food safety standards are crucial and can be time-consuming.

**Marketing and Branding :** Establishing brand awareness, and effectively marketing the product to your target audience may have been challenging initially.

**Financial Management:** Managing initial costs, securing funding, and ensuring a positive cash flow during the early stages of the business can be daunting.

**Consumer Education:** Introducing a novel product may require educating consumers about the benefits of Bakahu and how it can be incorporated into their diets.

**Adaptation to Feedback:** Being receptive to feedback from customers and adapting the product or business model accordingly is key to long-term success.

Overcoming these challenges with strategic planning, resilience, and continuous improvement can contribute to the success of Bakahu agri-entrepreneurship at Abhay Natural Food Processing Unit.

**Did you have the success as soon as you start business, how many years it took to get success?**

Success in business can vary widely based on numerous factors, including market conditions, competition, business strategies, and the uniqueness of the product or service. We were successful in product development and selling our product to multiple bulk buyers and created as revenue generated unit.

**Technical support:**

We have purchased technology from CFTRI Mysore & ICAR -NRCB create multiple products in our processing activities.

**Financial Assistance:**

With the support from the PMFME Scheme, “Abhay Natural Food Processing Unit” grew in confidence and increased their product line as well as expanded their production capacity. A micro enterprise that started with 3 to 4 products, now has a product line ranging from 18 to 20 products like banana powder and other allied products, Bakahu millet based RTC products, Banana soup, noodles, Pasta, Banana Special pickles, and dehydration/powder of fruits and vegetables, etc. PMFME scheme supported with 15 lakhs funding to establish this unit, rest is funded by SBI bank.

**Over a period of years, have you expanded business and what all the additional business you have started?**

We had great business evolution and the shift in product focus from banana-based products to Bakahu millet ready-to-cook products. Diversification in product offerings often reflects adaptability to market trends and customer preferences this is helping us to reach faster.

**Suggestions to the people who want to become entrepreneurs**

Embarking on an entrepreneurial journey can be both rewarding and challenging. Here are some suggestions for aspiring entrepreneurs:



**Passion and Purpose:**

Start with something you are passionate about. A strong passion can fuel your commitment during challenging times.

**Identify a Problem to Solve:**

Successful businesses often address a need or solve a problem. Identify a gap in the market and build your business around addressing that gap.

**Market Research:**

Conduct thorough market research to understand your target audience, competitors, and industry trends. This will help you make informed decisions.

**Create a Solid Business Plan:**

Develop a comprehensive business plan outlining your goals, target market, competition analysis, financial projections, and marketing strategy.

**Build a Strong Network:**

Network with other entrepreneurs, mentors, and industry experts. Their experiences and insights can be invaluable as you navigate the challenges of entrepreneurship.

**Embrace Failure as a Learning Opportunity:**

Failure is often a part of the entrepreneurial journey. Learn from your mistakes, adapt, and use setbacks as opportunities for growth.

**Customer Focus:**

Prioritize customer needs and feedback. A satisfied customer is more likely to become a repeat customer and recommend your business to others.

**Financial Management:**

Keep a close eye on your finances. Understand your cash flow, manage expenses wisely, and plan for both short-term and long-term financial stability.

**Adaptability:**

Be adaptable and open to change. The business landscape is dynamic, and the ability to pivot when necessary can be a key factor in success.

**Continuous Learning:**

Stay informed about industry trends, new technologies, and evolving consumer preferences. Continuous learning is crucial for staying competitive.

**Effective Communication:**

Develop strong communication skills. Clearly articulate your business value proposition to customers, investors, and team members.

**Build a Strong Team:**

Surround yourself with a talented and diverse team. Your team plays a crucial role in the success of your business.

**Legal Compliance:**

Understand and comply with relevant laws and regulations. This includes business registration, taxation, and any industry-specific regulations.



### Work-Life Balance:

Strive for a healthy work-life balance. Entrepreneurship can be demanding, but taking care of your well-being is essential for long-term success.

Remember, every entrepreneurial journey is unique, and there is no one-size-fits-all approach. Adapt these suggestions to your specific situation and stay resilient on your path to entrepreneurship.

### Awards received:

Abhay Natural proudly receives the prestigious Super Star Ritha Award from Vijay Karnataka News Daily in recognition of its outstanding contributions to fruit forest creation and value addition initiatives. Additionally, the Vannathotgarike State Award is bestowed by the Ret Forest Commissioner of GOK AC Lakshman, acknowledging Abhay Natural's commendable efforts in planting 3000 forest trees and transforming the farm into a thriving forest ecosystem. Further acclaim comes with the Best Entrepreneur Award for 2022 from ICAR-National Research Center of Banana, celebrating Abhay Natural's innovative product development with bananas and entrepreneurial excellence in fostering uniqueness within the industry. These accolades affirm our commitment to sustainable agriculture and innovative agri-enterprises.



### Video link of the success story of Entrepreneur

For a brief introduction, please take a look at the following clips: The Ministry of Food Processing captured our small effort:

<https://fb.watch/cK9TGvEdxC/>

Explore Our World: Check out our product highlights in three exciting videos:

**Bakahu Product Presentation - [https://youtu.be/Vq4hpJsT-0U?si=A\\_00KdZbdiskQSQx](https://youtu.be/Vq4hpJsT-0U?si=A_00KdZbdiskQSQx)**

**Bakahu Millet Products - [https://youtu.be/WCqVBRmS\\_jg?si=vhjFYGzSWzlm7EwB](https://youtu.be/WCqVBRmS_jg?si=vhjFYGzSWzlm7EwB)**

**Vacuum Fried Chips Health Benefits -**

**[https://youtu.be/X94\\_heL8uUQ?si=G6\\_vssdTSLG1oP27](https://youtu.be/X94_heL8uUQ?si=G6_vssdTSLG1oP27)**



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Palakkad - 679533

**Contact No.:**9972010207

**E-mail ID:** vidhya@svojasfarms.com



**Profile of Entrepreneur**

**Age:** 44

**Education:** Masters in Social Work

**Family Size:** Nuclear

**Annual Income:** 2 Lakhs

**Source of Income:** Single

**Entrepreneurship Traits**

**Enterprise Name:** Heritaste LLP

**Start Year:** 2021

**Type of Enterprise:** LLP

**Single/Partnership:** Partnership

**Initial Investment:** 50 Lakh

**Annual Turnover:** 80 Lakh

**How you got the idea of starting this enterprise?**

I embarked on my entrepreneurial journey after witnessing the health challenges faced by individuals due to unhealthy dietary habits during my work as a social worker. Recognizing the need for change, I delved into learning more about the nutritional benefits of millets. Fuelled by the desire to address the impact of unhealthy food intake on well-being, I made the decision to initiate a business centred around promoting millets as a healthier food option. This journey began with a commitment to creating positive change and fostering a healthier lifestyle for individuals in my community.

**What are the Initial difficulties you faced in starting Business?**

The initiation of my food business was not without its share of challenges. Initially, navigating the complexities of regulations and licensing proved to be a formidable task. Understanding the intricacies of the food industry, from sourcing quality ingredients to managing supply chains, posed a steep learning curve. Financial constraints and the establishment of a customer base were also initial hurdles. However, these difficulties were opportunities for growth and learning. Through perseverance and a commitment to my vision, I overcame these challenges, gradually building a foundation for the success and sustainability of my food business.



**Did you have the success as soon as you start business, how many years it took to get success?**

Success is not an overnight achievement; the beginning was marked by constant struggles. Today, after two years, I firmly believe that we have reached the milestone we had envisioned. Establishing our own production factory signifies more than just success; it represents a significant milestone in our journey. Additionally, we are proud to announce that our products are now available in numerous supermarkets, both within and outside Kerala.

**Technical support:**

We are embarking on a new product development initiative and recognize the importance of technical expertise in ensuring the success of this endeavour. Specialized knowledge and support is crucial to navigate the complexities of creating a cutting-edge and competitive product. By seeking technical assistance from KVK Palakkad and Kerala Agricultural University, we aim to leverage your skills and insights to enhance the innovation, quality, and efficiency of our new product. Your collaboration will play a pivotal role in shaping the development process and contributing to the overall success of this venture. We appreciate your expertise.

**Financial Assistance:**

We are reaching out with the hope of securing financial assistance to meet our current working capital requirements. This support is crucial to sustaining and enhancing our day-to-day operations. The working capital is necessary to manage various operational aspects, including inventory, operational expenses, and other financial obligations. By availing financial assistance, we aim to fortify our financial stability, ensuring smooth operations and positioning ourselves for future growth. The funds would be directed towards managing short-term liabilities, seizing market opportunities, and reinforcing our overall business resilience.

**Over a period of years, have you expanded business and what all the additional business you have started?**

Our journey commenced in a modest unit at Kootanad, primarily serving as a packing facility. During the initial phase, we outsourced production from diverse vendors. However, as part of our growth strategy and a commitment to quality control, we have recently established our own state-of-the-art factory in Ernakulam. This new facility is equipped with all the essential machines required for the production of our millet value-added products. By bringing the production process in-house, we aim to streamline operations, enhance efficiency, and maintain stringent quality standards throughout the entire manufacturing process. This marks a significant milestone in our evolution, allowing us greater control over the production cycle and reinforcing our dedication to delivering top-notch millet products to our customers.



### Suggestions to the people who want to become entrepreneurs

For aspiring entrepreneurs, my advice is to start with a clear vision and a passion for your chosen venture. Embrace the inevitable challenges as learning opportunities, and remain adaptable in the face of uncertainties. Surround yourself with a supportive network and seek mentorship from experienced individuals in your industry. Prioritize continuous learning, stay abreast of market trends, and be ready to pivot when necessary. Persistence and resilience are key; success often comes through overcoming setbacks. Finally, never underestimate the power of building genuine relationships with your customers—listening to their feedback and evolving with their needs is a fundamental aspect of sustainable entrepreneurship.

**Awards received:** Selected by Kerala Agriculture University for Grant in aid.



### Video link of the success story of Entrepreneur

[https://drive.google.com/file/d/1XFtk03aBNEyJrsa6voa4hJl38eskQX4I/view?usp=drive\\_link](https://drive.google.com/file/d/1XFtk03aBNEyJrsa6voa4hJl38eskQX4I/view?usp=drive_link)



**Name: Mr. Davalappa Hipparigi**  
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**Contact No.:99008190736**  
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Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b> 25</p> <p><b>Education:</b> B.tech. Agril. Engineering</p> <p><b>Family Size :</b> 5</p> <p><b>Annual Income:</b> 5,00,000/-</p> <p><b>Source of Income:</b> Single If Multiple, specify</p>	<p><b>Enterprise Name:</b> Mr. Millet</p> <p><b>Start Year:</b> 2019</p> <p><b>Type of Enterprise:</b> Proprietorship</p> <p><b>Single/Partnership:</b> Single</p> <p><b>Initial Investment:</b> 50,000/-</p> <p><b>Annual Turnover:</b> 50,00,000/-</p>

**How you got the idea of starting this enterprise?**  
 While he was student in IV year B.tech (Agril. Engineering) he undergone one training in bakery unit

**What are the Initial difficulties you faced in starting Business?**  
 Marketing, approach, Labour, investment, product replacement

**Did you have the success as soon as you start business, how many years it took to get success?**  
 Since 3 to 4 year running

**Technical support:** Department of Processing and Food Engineering, KVK, UAS, Raichur

**Financial Assistance:** PMEGP scheme, Bank loan

**Over a period of years, have you expanded business and what all the additional business you have started?**  
 With the bakery unit, he have started cold pruneel oil extraction unit

**Suggestions to the people who want to become entrepreneurs**  
 Start the business with full plan of work, action plan and knowledge about the product and market.

**Awards received:** Received best stall award in Krishi Mela and Millet Mela of UAS, Raichur





**Entrepreneur: From start up to a Success**

**Name:** Smt. Prasheela  
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 Keremegaladoddi, Kanakapura taluk, Ramanagara (D),  
 Karnataka (562121)  
**Contact No.:** 8971162116  
**E-mail ID:** prasheela235@gmail.com



Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b> 40yrs.</p> <p><b>Education:</b> S.S.L.C</p> <p><b>Family Size:</b> 4</p> <p><b>Annual Income:</b> Rs.4-5 lakhs/yr</p> <p><b>Source of Income:</b> Single/Multiple</p> <p>If Multiple, specify: Agriculture</p>	<p><b>Enterprise Name:</b> Swadista Enterprises</p> <p><b>Start Year:</b> 2018-19</p> <p><b>Type of Enterprise:</b> Food Based</p> <p><b>Single/Partnership:</b> Single</p> <p><b>Initial Investment:</b> Rs.20,000/-</p> <p><b>Annual Turnover:</b> 2-3 lakhs / year</p>

**How you got the idea of starting this enterprise?**

Attended capacity building programme organized by KVK Ramanagara and Katravya foundation and involved in FLD on “ Demonstration of Ragi var. KMR-340 & its value addition” organized by KVK, Ramanagara. Thus came to know about White Ragi cultivation and value added products, branding and marketing of Value added products.

**What are the Initial difficulties you faced in starting Business?**

Initially marketing was the challenge. Now by participating in many melas and linkage with different dept. established good marketing network.

**Did you have the success as soon as you start business, how many years it took to get success?**

Immediately after starting the business I could not achieve much sales. It took around 1 1/2 to 2 years to get success in enterprise.

**Technical support:**

Technical support was taken from KVK, Ramanagara and Karthavya foundation, Kanakapura.

**Financial Assistance:**

Initially, I took financial assistance from SHG and now I got financial assistance from PMFME scheme. Under PMFME I have purchased machineries and got better benefits.

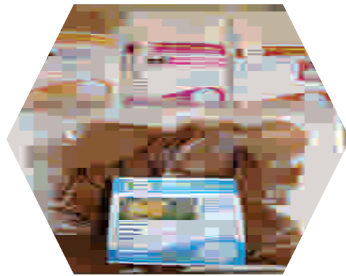
**Over a period of years, have you expanded business and what all the additional business you have started?**

During Initial period I was preparing Ragi Malt, Mixture and Papad. I have added other products chakkuli, nippatu, rice papad, horsegram papad and ragi saari in my production unit. Under PMFME scheme beneficiary I have drier for drying grains which helped me to dry during adverse conditions, saves time and also to get quality products. Good contacts and opportunities to attend different melas created better marketing networks. Even I have digital payment system ( Phone pay, Google pay etc.). All these things helped me to enhance my business.



### Suggestions to the people who want to become entrepreneurs

1. Try to add value to the raw materials available with you or available locally and continuously.
2. Undergo hands on training and collect all necessary information
3. Study the market for your products
4. Explore different marketing channels
5. Make use of different schemes for technical and financial assistance.



**Name:** Smt. Renukadevi,  
**Address:** Arakere Village,  
 Tumakuru District  
**Contact No.:** 9986587940  
**E-mail ID:** renupreetham86@gmail.com



Profile of Entrepreneur	Entrepreneurship Traits
<p><b>Age:</b> 35  <b>Education:</b> Graduate  <b>Family Size:</b> Four Members  <b>Annual Income:</b> 3 Lakhs  <b>Source of Income:</b> Single                      If Multiple, specify</p>	<p><b>Enterprise Name:</b> White Pearl Mushroom  <b>Start Year:</b> 2019-20  <b>Type of Enterprise:</b> Mushroom Grower  <b>Single/Partnership:</b> Single  <b>Initial Investment:</b> 2 Lakhs  <b>Annual Turnover:</b> 6 Lakhs</p>

**How you got the idea of starting this enterprise?**  
 After participating in skill training programme on Mushroom grower under ASCI (Agriculture Skill Council of India) programme during 2019-20 at KVK.

**What are the Initial difficulties you faced in starting a Business?**  
 Procurement of raw materials for the cultivation of mushroom.

**Did you have the success as soon as you started business, how many years it took to get success?**  
 After the struggle of one year, slowly business picked up. Branding with the help and support from KVK has boosted the sales.

**Technical support:**  
 ICAR-KVK, Hirehalli, Tumakuru II has given me technology backstopping

**Financial Assistance:**  
 Borrowed from family and friends

**Over a period of years, have you expanded business and what all the additional business you have started?**  
 Started value addition in Mushroom, Dried Mushroom was major junk of the business, because of its shelf life.



**Suggestions to the people who want to become entrepreneurs:**


Believe in yourself



**Video link of the success story of Entrepreneur**

<https://youtu.be/OPZ7WiTqnWg?si=M1cQ18m6GTCVcP9n>



<p><b>Name:</b> Mrs. Sujatha Shetty  <b>Address:</b>Prakrithi Nursery                  Surgikatte, Mandarathi                  Udupi Dist  <b>Contact No.:</b> 8971401837  <b>E-mail ID:</b> sujathashetty@gmail.com</p>	
<p style="text-align: center;"><b>Profile of Entrepreneur</b></p> <p><b>Age:</b> 35  <b>Education:</b> BCom  <b>Family Size:</b> 4  <b>Annual Income:</b> 3,00,000/- pa  <b>Source of Income:</b> Single/Multiple                  If Multiple, specify                  Single source of income</p>	<p style="text-align: center;"><b>Entrepreneurship Traits</b></p> <p><b>Enterprise Name :</b> Prakrithi Nursery  <b>Start Year:</b> 2020  <b>Type of Enterprise:</b> Horticultural Nursery  <b>Single/Partnership:</b> single  <b>Initial Investment:</b> 1,00,000/-  <b>Annual Turnover:</b> 6,00,000/-</p>
<p><b>How you got the idea of starting this enterprise?</b>                  I attended a training program in KVK Brahmavara on nursery management and grafting techniques. I got motivated and thought of starting a business on nursery</p> <p><b>What are the Initial difficulties you faced in starting Business?</b>                  Availability of finance, mother block and skilled labours were initial difficulties that I faced.</p> <p><b>Did you have the success as soon as you start business, how many years it took to get success?</b>                  It took over a year for me to understand the business, grafting, maintenance, management techniques of the nursery. Now I have a steady business.</p> <p><b>Technical support:</b>                  I received very good technical support and hand holding help from horticultural scientists from KVK, Brahmavara</p> <p><b>Financial Assistance:</b>                  Sefl funded.</p> <p><b>Over a period of years, have you expanded business and what all the additional business you have started?</b>                  Now business is expanded to exotic fruits seedlings, Udupi Mallige, seedlings which are very popular in the region</p> <p><b>Suggestions to the people who want to become entrepreneurs</b>                  I suggest the new entrepreneurs to get training from KVK, Brahmavara before startin g a scientific nursery operation</p>	



**Awards received:**

Best woman farmer award from KSNUAHS, Shivamogga



**Video link of the success story of Entrepreneur**

[https://drive.google.com/file/d/1zuWRXrEdcHLQowUkFKPnnC7d1SmwREeS/view?usp=drive\\_link](https://drive.google.com/file/d/1zuWRXrEdcHLQowUkFKPnnC7d1SmwREeS/view?usp=drive_link)



**Name:** Veerupakshaya Shastrimath  
**Address:** Venkateswar Nagar,  
 near mahalxmi temple,  
 Vijayapura  
**Contact No.:** 6360458936  
**E-mail ID:** veerushiva@gmail.com



Profile of Entrepreneur	Entrepreneurship Traits
<b>Age</b> : 29 years	<b>Enterprise Name:</b> Mystic mushroom cultivation and processing  Start Year: 2022  <b>Type of Enterprise:</b> Sole Proprietorship  <b>Single/Partnership:</b> Single  <b>Initial Investment:</b> 75,000=00  <b>Annual Turnover:</b> 4,00,000/ year (from fresh mushroom and 1,00,000 from value added product)
<b>Education</b> : BA	
<b>Family size</b> : 04	
<b>Annual Income</b> : 5,00,000	
<b>Source of Income</b> : Single	
<b>If multiple, specify</b>	

**How you got the idea of starting this enterprise?**  
 ICAR-KVK Vijayapura 1 (after attended the training programme)

**What are the Initial difficulties you faced in starting Business?**

1. Contamination and maintenance of temperature
2. Lack of awareness about batching in mushroom
3. Storage of fresh mushroom
4. Marketing
5. Lack of knowledge about processing

**Did you have the success as soon as you start business, how many years it took to get success?**  
 No, after continuous efforts and KVK scientists support in cultivation and processing of mushroom helped me to build my carrier in mushroom.

**Technical support:**  
 ICAR-KVK Vijayapura 1 , Shweta A. Mannikeri., SMS (Home Science) providing continuous technical guidelines in batching in cultivation, packaging, labelling and value addition.

**Financial Assistance:**  
 From ICAR-KVK Vijayapura 1 under EDP 2023-24 programme

**Over a period of years, have you expanded business and what all the additional business you have started?**

Initial days (up to 6 months of started I do only cultivation of oyster mushroom and selling fresh mushroom, later I started cultivation of milky and button mushroom also and based on KVK Scientist advise I started production of mushroom value added products like dry mushroom, dry mushroom powder and mushroom chakali. After an year (June 2023) I continue mushroom cultivation as full time business

**Suggestions to the people who want to become entrepreneurs ?**

Mushroom cultivation and value addition is one of the best secondary agriculture components in doubling of farmers' income. The only one reason I choose to mushroom cultivation was I don't any agricultural land and own house also but, I have fascinate to be a farmer that motives me to started mushroom cultivation in leased site area of 30\*40 sq.m. Now I can proudly say that I am the first successful mushroom cultivator in Vijayapura district. My suggestion to farming community is hard work and continuous efforts with hope will definitely hold your hand in mushroom cultivation.

**Awards received:** 1. In mushroom cultivation- Pratibhe –Sadhane Seve from Shri Guru Gangadhar Sangeet kalabhalag., Kushtagi

1. Applied for Innovation Farmer Award from UASD





**Name : Smt. Subhadra Kumari. K**

**Address: Velloth House, Kolagappara P.O  
Sulthan Bathery**

**Contact No: 9495612604**

**E-mail ID : subha.velloth2020@gmail.com**



**Profile of Entrepreneur**

**Age : 63 years**

**Education: SSLC**

**Family Size: 4**

**Annual Income: Rs 3,00,000**

**Source of Income: Single**

**Entrepreneurship Traits**

**Enterprise Name: Nila gardens**

**Start Year :2008**

**Type of Enterprise: Horticulture nursery**

**Single/Partnership: Single**

**Initial Investment: Rs 1,00,000/-**

**Annual Turnover: Rs 3,00,000/-**

**How you got the idea of starting this enterprise?**

I was very much interested in cultivation of ornamental plants from the beginning and all started as a hobby cultivating Anthurium initially. People gradually asked for seedlings, and so in 2008 as hobby later elevated as a nursery enterprise. With numerous demands from customer end, diversified the collections with varieties of ornamental plants, indoor plants, cacti, and begonia.

**What are the Initial difficulties you faced in starting Business?**

I didn't received any awareness / training on gardening until KVK Wayanad got interveined by giving trainings on various aspects of gardening.

**Did you have the success as soon as you start business, how many years it took to get success?**

With the help of some farmers, a society was formed to procure and market the flowers. The pandemic affected the business and activities of the society but now they have coped up with the situation. It took two years for me to understand the business, maintenance of the garden plants, propagation of anthurium, orchids , pest and disease management etc.

**Technical support:**

Kerala Agricultural University, KVK Wayanad with regard to pest, disease and nutrient management for raising ornamentals , RARS, channels, TV shows, books etc.



**Financial Assistance:**

I got a subsidy of 40 per cent through the State Horticultural Mission for Anthurium cultivation and Orchid cut flower cultivation to expand my nursery

**Over a period of years, have you expanded business and what all the additional business you have started?**

Yes. Currently, I am giving training to NSQF Floriculture students in various aspects as an expert. Also doing flower arrangements using dry and fresh flowers and also offers training in kokedama making, miniature garden, terrarium, etc. Now, I have number of rose collections, 2000 different varieties of orchid plants like Cattleya, Dendrobium, Oncidium, Phalaenopsis, Vanda and even conserve wild orchids. Now chosen alternative market pathways also like online marketing and exhibitions to scale up the business.

**Suggestions to the people who want to become entrepreneurs**

I am giving start to end trainings along with technical support of KVK Wayanad.

**Awards received:**

1. First Women entrepreneur award on International fest of Poopoli, Wayanad.
2. Orchid farmer award from Bathery municipality.

**Video link of the success story of Entrepreneur**

<https://www.facebook.com/Floragarden9495612604>

[https://www.facebook.com/watch/?v=3143872349272231&extid=WA-UNK-UNK-UNK-AN\\_GK0T-GK1C&ref=sharing&mibextid=2Rb1fB](https://www.facebook.com/watch/?v=3143872349272231&extid=WA-UNK-UNK-UNK-AN_GK0T-GK1C&ref=sharing&mibextid=2Rb1fB)

<https://www.youtube.com/watch?v=aotIWttPEsc&feature=youtu.be>



### World Soil Health Day

The programme was inaugurated by Dr. P.K. Basavaraj, Honorable Member, Board of Management, KSNUAHS, Shivamogga. During his inaugural speech he discussed about the importance of organic farming and briefed the role of organic manures in enhancing the soil fertility status and enhancing the soil organic carbon content. He also suggested the farmers to test their soils once in three years and apply the recommended dose of fertilizers based on soil test results.

Dr. R.C. Gowda, Retired Professor of Soil Science, GKVK, Bangalore was the chief guest for the programme, during his speech he mainly discussed about the soil health management aspects that includes the adoption of organic and natural farming methods like application of organic manures, green manuring, mulching etc. which leads to enhancement of soil organic carbon that helps to maintain the soil microorganism population as well as improves the soil physical, chemical and biological properties.

Dr. Kumara O, Senior Scientist and Head, KVK was presided over the programme and during his speech he discussed about the soil and water testing facility available at KVK, Babbur farm and he also briefed about the charges for testing soil macro and micro nutrients as well as water sample analysis charges.

Dr. Mahantesh P.S., Scientist (Horticulture) welcomed all the dignitaries and participants to the programme and he also gave the introductory speech. Dr. Preethi, Scientist (Agriculture Extension) hosted the programme. Dr. Ravi Kumar, Scientist (Soil Science), Dr. Saraswathi, Scientist (Home Science) and around 157 farmers and farm women from Hiriyur were present during the programme.

**(Dr Kumar O., Mrs. Geetha Kumari B.N.,  
Dr. Ravi Kumar D.)**



### Block Level Workshop on Scientific Coconut Cultivation Practices

A Block level workshop on Scientific Coconut cultivation practices in collaboration with Coconut Development Board programme was organized by KVK, Chitradurga on 05-12-2023.

The programme was inaugurated by Dr. P.K. Basavaraj, Honorable Member, Board of Management, KSNUAHS, Shivamogga. During his inaugural speech he discussed about the various problems faced by the farmers during coconut cultivation and he focused on the improved cultivation aspects and soil and water management practices suitable for coconut cultivation.

Dr. R.C. Gowda, Retired Professor of Soil Science, GKVK, Bangalore was the chief guest for the programme, during his speech he mainly discussed about the soil health management aspects that includes the adoption of organic and natural farming methods like application of organic manures, green manuring, mulching etc. which leads to enhancement of soil organic carbon that helps to maintain the soil microorganism population as well as improves the soil physical, chemical and biological properties.

Dr. Kumara O., Senior Scientist and Head, KVK was presided over the programme and during his speech he discussed that Coconut is one of the major

horticultural crops in Chitradurga district but the productivity is less due to the non-adoption of scientific cultivation practices by the farmers. Farmers have to adopt better scientific methodologies to control pest and disease and nutrition management activities have to be given better focus to achieve the targeted yield.

Mrs. Chandana, Technical Officer, CDB, Bangalore was participated as chief guest during the programme and she opined that the Coconut growers in Karnataka are facing lot of problems of pest and diseases and she suggested the farmers to get technical information from KVK scientists. She also briefed about the scope for value addition in coconut by mentioning various value-added products of coconut and discussed about the various programmes of Coconut Development Board and suggested the farmers to make use of them.

Dr. Mahantesh P.S., Scientist (Horticulture) welcomed all the dignitaries and participants to the programme and he also gave the introductory speech. Dr. Preethi, Scientist (Agriculture Extension) hosted the programme. Dr. Ravi Kumar, Scientist (Soil Science), Dr. Saraswathi, Scientist (Home Science) and around 157 farmers and farm women from Hiriya were present during the programme.

**(Dr. Kumar O., Dr. Mahantesh P.S., Mrs. Geetha Kumari B.N., Dr. Ravi Kumar D.)**



## **Integrated Pest and Disease Management in Mango**

A training programme on integrated pest and disease management was conducted at ICAR Krishi Vigyan Kendra, Babbur farm, Hiriya on 04-12-2023.

Dr. Kumara O., Senior Scientist and Head discussed about the present day situation in agriculture sector in India. In order to earn greater profit farmers should grow dry land horticulture crops like Mango. Through the application of scientific methodology and improved cultivation practices farmers can earn better yield and can enhance their income level. He also suggested the farmers to adopt organic and natural farming methods to maintain the soil health.

Dr. S. Onkarappa, Scientist (plant protection) discussed about the various pest and diseases of Mango crop and suggested the control measures for the same. Dr. Mahantesh P.S., Scientist (Horticulture) discussed about the improved cultivation aspects of Mango crop and uses of organic manures, bio fertilizer, new varieties of Mango released by IIHR and suitability of horticulture crops for dry land situation.

The programme was hosted by Mrs. Geetha Kumari B.N., Senior technical officer KVK, Babbur Farm. All the Scientists of KVK and around 62 farmers and farm women from different villages of Chitradurga district were present during the programme

**(Dr. Kumar O., Dr. S. Onkarappa, Dr. Mahantesh P.S., Mrs. Geetha Kumari B.N.)**





Farmers Participatory Onion Seed Production



Vocational Training Programme For Krishi Sakhi



Field Day On Redgram



Fld Field Bean Plot



Skill Development Training On Horticulture For Entrepreneurs



Farmers Day Celebration



# Glimpse of KVK Chitradurga



Demonstration Of Nano Fertilizer On Maize



Shg Women Visit To Kvk Demonstartion Plots



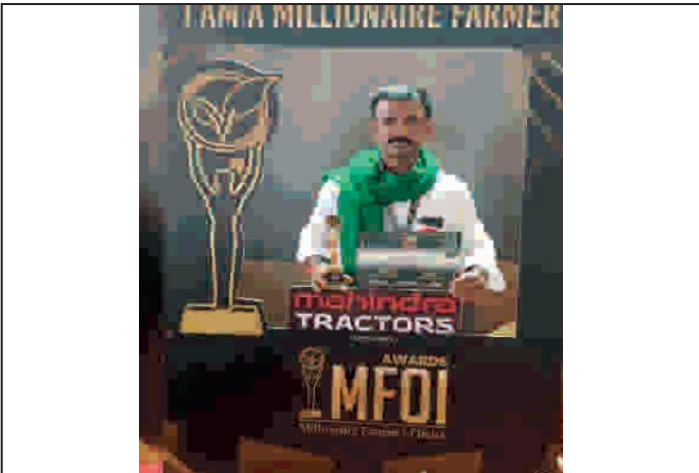
Celebration Of Poshan Abhiyan



District Leavel Workshop On Cashew



16<sup>th</sup> Sac Meeting



Millionaire Farmer Of Chitradurga



### World Soil Day

World Soil Day was celebrated on 5 December, 23 with the theme of “Soil and Water – a source of life” by highlighting the importance of soil-plant-animal-human continuum and one family-one health-one future principles. Smt. Radhamani Rajan, President, Krishnapuram Grama Panchayath inaugurated the programme in the presence of 47 invited farmers and 23 vocational higher secondary students. Dr. P. Muralidharan, Head, KVK delivered the key note address highlighting the importance of the celebration and the responsibility of each citizen on preserving the health of natural resources. Soil health cards were distributed to selected farmers on the occasion. Dr. K. Sajnanath, SMS (Soil Science) handled a session on 'Soil health and nutrition management for crop production' and the participants took part in the discussions on different farming practices. The farmers also visited various demonstration units of the KVK farm with much enthusiasm.

(K. Sajnanath, SMS)



### Support To Establish a Mushroom Spawn Production Unit at Chunakkara

Smt. P. Sathi from Chunakkara has been growing mushroom since 2007 as her livelihood vocation, after obtaining skills from KVK-Alappuzha. Being a rural graduate, she has also been a partner of the KVK in many interventions related to mushroom cultivation and IFS. She was keen in adopting the successful technologies on proper packing of mushrooms to avoid breakage, pest management, production of milky mushroom during summer months, and reducing the cost of cultivation by successfully making use of the locally available banana pseudostem waste and leaf sheath as substrate. By highlighting the importance of mushroom in daily diet, she expanded her customer base gradually and as the demand increased she was in need of more spawn for the production hitherto depending on KVK for the same. Despite her busy engagements, she found time to attend the vocational training programme on 'Mushroom spawn production technology' conducted by the KVK. Against this background, KVK decided to hold her hands under SCSP programme to facilitate her for mushroom spawn production and to provide the most essential inputs viz., inoculation chamber and pressure cooker. The handing over was done at her residence by Smt. S. Jayalekshmi, Grama panchayath ward member in the presence of Dr. P. Muralidharan, Head, KVK, Smt. Rajani Anil, Assistant Director of Agriculture, Smt. G. Lekha, SMS, KVK and Smt. Arya Nath, Agri. Officer. She assured the effective utilization of the facilities of spawn production for the betterment of self and other growers in the locality.



## Revival Of A Mushroom Unit at Krishnapuram

Ms. S.V. Veena from Krishnapuram, a graduate, has attended Skill Training for Rural Youth (STRY) programme on 'Mushroom production technologies' in KVK-Alappuzha during December, 2021. With the acquired skill she started a mushroom production unit in her homestead by availing financial assistance from SHM through Dept. of Agriculture. She was regularly selling 1-2 kg mushrooms/day under the brand name 'Ammas'. But unfortunately due to financial and other household constraints, she had to stop the production. The information came to KVK on routine monitoring of the activities of vocational trainees and then it was decided to offer a helping hand to her under the SCSP. She was provided all the recurring basic inputs to revive the unit, which were handed over by Smt. Radhamani Rajan, President, Krishnapuram Grama panchayath in the presence of Sri. Nazeem, Ward member, Dr.P.Muralidharan, Head, KVK, Smt. G. Lekha, SMS, KVK and Smt. Reshma, Agricultural Officer, Krishnapuram . The local self government and Dept of Agriculture assured support for the promotion of her produce. Ms. Veena acknowledged that the timely intervention of KVK was a great help for her journey forward.

(G. Lekha, SMS)



## KVK Bagalkote

### World Soil Day

“World Soil Day” was celebrated on 05.12.2023 and 06.12.2023 in Tulsigeri, Budihal and Mantur villages respectively by Krishi Vigyan Kendra, Bagalkote and Department of Agriculture Bagalkote under the title “Soil is the foundation of life”. Dr. S. B. Patil, Senior Scientist and Head, KVK, Bagalkote spoke to the farmers about the ways to increase soil fertility. He informed about the importance of soil health certificates and various facilities available to farmers in KVK. In this program, Dr. Siddappa C. Angadi, Senior Technical Officer, KVK, Bagalkote talked about it should be our duty to serve the soil with the combination of knowledge and customs. The soil is the eyes of the farmers; he called to avoid soil depletion. We are spoiling the land by over-irrigating the land by encroaching/grazing. He said that conservation of land is our responsibility; We can increase the vitality of soil by building paddy and using organic manure. He convinced the farmers that soil testing is very important to know the health of the soil. Later Dr. Venkanna Balaganur, Scientist (Animal Science) gave information about sheep and goat farming. Later Dr. Sudha S, Scientist (Plant Pathology), KVK Bagalkote spoke and advised the farmers to use Metarhizium for the management of sugarcane bollworm. Dr. Lakshaman Kallennavar, Joint Director of Agriculture, Bagalkote District presided over the program, spoke and expressed concern about the loss of soil essence due to excessive use of chemicals and he told the gathered farmers that only when the farmers move forward towards doing integrated and organic farming, it will help to maintain the health of the soil. About 140 farmers and 50 school children participated in the program along with the staff of KVK and Department of Agriculture and made the program a success.





## KVK Ballari

### Certificate Distribution Ceremony for Daesi Graduates at ICAR-KVK, Ballari

The Graduation Day of Diploma in Agricultural Extension Services for Input Dealers (DAESI) was organised at ICAR Krishi Vigyan Kendra, Hagari, Ballari on 13 December 2023 for the batch 2021-22. Dr.Hadimani D K., Nodal officer DAESI, UAS, Raichur briefed about the programme.

Dr. S.B.Goudappa, Director of Extension, UAS, Raichur was the Chief Guest during the function and distributed the Diploma certificates. The final Diploma certificates were issued from the National Institute for Agricultural Extension Management (MANAGE), Hyderabad. During his inaugural address Dr. S.B. Goudappa emphasized on the importance of the certificate the dealers are holding in their hands and with this certificate they are shaped as para-extension professionals by gaining requisite knowledge, now they are able to professionalise extension services and contribute to bring a paradigm shift in Indian Agriculture.

Dr. Gopal N., State nodal officer, SAMETI (North), DAESI, UAS, Dharwad congratulated all the candidates and mentioned that, the responsibility of DAESI trained candidates has increased with this graduation and they should function as positive change agents in the system. Dr.Mallikarjuna K, Joint Director of Agriculture, Dept. of Agriculture, Ballari, in his speech mentioned that, the first contact point for majority of farmers is the agri-input dealer, so the dealers has to provide the scientific information to the farmers.

Dr. Ravishankar G, In-charge officer, College of Agriculture, Ballari in his presidential address opined that, the responsibility of the input dealers in more now onwards to save the mother earth by reducing the indiscriminate usage of pesticides. Dr.Govindappa M R., Senior Scientist and Head, ICAR, Ballari, Dr. Ramesh B K, Professor, College of Agriculture, Hagari, Shri.Ainath Reddy, President of Agricultural Input dealers association, Ballari and Scientists and staff of ICAR,KVK Ballari, ARS, Agriculture college, Hagari were present during the programme. A total of 38 DAESI diploma graduates received the certificates.



**KSRLPS State Project Manager (Farm Livelihood)**

**Shri. Venkatesh G. interacts with Krishi Sakhis During Concluding Ceremony of Krishi Sakhis Module - 1 training.**

ICAR- BIRDS KVK is conducting training on module 1 for Krishi sakhis of Belagavi district. Module 1 training consists of training for 6 days including exposure visit on 6<sup>th</sup> day. KVK trains sakhis according to the scheduled time table as per KSRLPS training guidelines. KVK was allotted 6 batches of 34 sakhis each totalling 204. Training for 3<sup>rd</sup> and 4<sup>th</sup> batch was organised from 04<sup>th</sup> to 09<sup>th</sup> December of 2023. Shri Venkatesh G. sir (**KSRLPS State Project Manager (Farm Livelihood)**) attended the concluding ceremony of training and discussed with sakhis regarding the training, importance of sakhis in field for the farmers, facilities provided during training and also visited KVK farmers hostel and appreciated the efforts of KVK in creating all necessary facilities making the training fruitful. Concluding program was attended by KVK chairman Shri R.M.Patil, training in charge Dr. Suraj Koujalagi and Taluka program manager.

**Dr. Suraj Koujalagi (Scientist – Animal Science)**

**Participation in Krishi Mela**

ICAR-KLE Krishi Vigyan Kendra, Mattikoppa participated in Krishi Mela organized by Maradi Basaveshwara Committee, Bailhongal from 6-8 December, 2023. The stall was inaugurated by Shri. Chaluvaryaswamy, Hon'ble Agriculture Minister, GoK and appreciated the presentation of the stall on millet, natural farming and drone technology. Apart from this, KVK has also showcased information on recently released varieties in cereals, millets, pulses, oil seeds and vegetable crops. Harmful and beneficial insects, information on millet entrepreneurs developed by the KVK. QR code scan was made available in the stall for downloading the millet recipes and KLE KVK Smart Farming Mobile app, which consists information right from land preparation, varieties, seed treatment, INM, IPDM, livestock management and value addition. One day interactive session was provided to the KVK wherein KVK Scientists have delivered talk on sugarcane and soybean, eco-friendly management of pest & diseases in rabi crops and importance of natural farming. The stall was also visited by Shri B.R. Patil, Chairman, KLE KVK, Mattikoppa long with Dr. V.I. Patil, Former MLA, Bailhongal and Director, Board of Management, KLE Society, Belagavi.





### Millet Competition

ICAR - KLE KVK, Mattikoppa organized a 'Millet Recipe Competition' for farm women of Ganikoppa village on 06.12.2023. The programme was inaugurated by Shri. Kallayya Pujar, Progressive Farmer. During his inaugural address he recalled the usage of millets during 1960s, he gave good number of examples for health benefits of the millets and called upon the participating women to ensure regular practice of eating millet daily. The programme was presided by Mrs. Sridevi B. Angadi, Senior Scientist and Head and expressed that, millets were the major food grains and routine diet of our ancestors which made them healthy and fit. Due to the change in the life style and lack of processing facilities of millets have made them invisible in our diet. Millets are also called as nutri-dense cereal as they are potential source of micro nutrients and play a crucial role in controlling diabetes and degenerative diseases and urged the farm women to cultivate the millets in the farm for their regular consumption. A total of 50 farm women took part in the recipe contest and prepared mouth watering dishes from the millets. The first five winners were felicitated with certificate and memento to encourage them for adoption of millets in their routine diet.



### World Soil Day

World Soil Day 2023 was organized at Marakumbi village, Savadatti taluk by ICAR-KLE Krishi Vigyan Kendra, Mattikoppa on 5 December, 2023 in association with Department of Agriculture, Savadatti and Paradeep Phosphate Ltd, Hubballi. The programme was inaugurated by Shri Mahantesh Narasannavar, Gram Panchayat, Marakumbi.

Speaking on the occasion, Shri S. M. Warad, Scientist (Soil Science) said that World Soil Day is being celebrated worldwide to create awareness about the importance of maintaining healthy soil to enhance productivity in a sustainable way. The theme of World Soil Day 2023 is Soil and Water, a Source of Life. Soil is the foundation for life, providing the basis for food production, water purification and supplies essential minerals for life. Similarly, Water is precious natural resource that provides life support to human beings and all other life system on the planet earth. The relationship between these two natural resources is crucial aspect in the eco system. The balance between them will support nutrient absorption by plant which will ensure balanced growth of plant and



food production. He suggested the farmers to go for irrigation on scientific method. This will avoid ill effects of excessive irrigation like water logged condition, salinity and alkalinity. Further, he suggested to conserve, develop and utilization of rain water in the dry land production system. During the programme, Shri Ganesh Hegade, Regional Manager, Pradeep Phosphate Ltd. advised the farmers to go for soil test based fertilizer usage to maintain sustained production without harm to the soil health. Around 52 farmers and 5 extension officers present during the programme.



### Vikasit Bharat Sankalp Yatra

Vikasit Bharat Sankalp Yatra (VBSY) was launched at Belagavi district from 24.11.2023. Since the inception of the yatra KVK Scientists and technical staff are attending the programme. The VBSY is being undertaken across the nation with a aim to showcase the flagship schemes of the central government and also to ensure the benefits of the scheme has reached all the beneficiaries throughout the country. The participating Scientists and technical staff are highlighting on drone demonstration technologies, importance of soil testing and usage of soil health card and benefits of natural farming.



### Online and offline mode Training of PCOs for the safe use of Glyphosate

ICAR-KLE Krishi Vigyan Kendra, Mattikopp organized 3 days training for PCOs for safe use of glyphosate from 6-8 December, 2023. The first two days the participants trained through online mode. The main motto is to create awareness on glyphosate herbicides, its uses and impact on biodiversity and environment, calculation of the required doses of glyphosate, skill transfer in glyphosate application using different sprayers/equipments, use of glyphosate in a safe and judicious manner in target areas and sensitizing programmes to the farmers about restricted use of glyphosate through developed 50 master trainers for dissemination of information. During the off line training programme, method demonstration on application of glyphosate was demonstrated by using protective clothing kit. Dr.S.S. Hiremath, Scientist (Plant Protection) was the training co-ordinator for organizing the training.



### World Soil Day

World soil day was celebrated at ICAR-Krishi Vigyan Kendra, Bengaluru Rural District in collaboration with Parijata Industries India Pvt. Limited on 5<sup>th</sup> December 2023 with a theme “**Soil and Water : A Source of Life**”.

Dr. P. Veeranagappa, Scientist (Soil Science), Krishi Vigyan Kendra, Bengaluru Rural District spoke on the importance and the purpose of the celebration and soil health management. The programme was inaugurated by Sri Shivappa, Progressive farmer, Jakkannahalli and other dignitaries. Sri Shivappa in his inaugural address highlighted the soil and water conservation. Smt. Channamma, Progressive farm women from Antharahalli village participated in the programme and told about essentiality of soil analysis as the basic need of maintaining soil health and fertility status.

Sri Muniswami Gowda, Marketing Manager, Parijata Industries Private Ltd. Explained about the safety measures while using chemicals. Dr. B.G. Hanumantharaya, Senior Scientist and Head, KVK explained the use of soil health card in maintaining the health status, thereby reducing the input cost of fertilizer application in crop production and emphasized the group for application of balanced fertilizer based on soil test.

Method demonstration and Posters representing the soil sampling techniques, importance of macro and micro nutrients, identification of deficiency symptoms, different green manuring crops and composting techniques were displayed for the benefit of the farmers.

Mr. Srinath, Regional manager and Mr. Akash, Territory manager, Parijata Industries private limited, KVK staff and 60 farmers and farmwomen participated in the programme.

The afternoon session was carried out VBSY village Gangavara Chowdappanahalli, three scientists

from KVK, lead bank manager, canara bank, Bengaluru Rural District, grama panchayath president and other central government service personnel working on various schemes were participated. 52 farmers and 23 school children were benefitted from the programme.



## KVK Bidar

### Empowering Farmers through Innovative Techniques : A Spotlight on Ginger Cultivation in Bidar District

In the pursuit of the 'One District One Product' initiative, the cultivation of ginger in Bidar district has emerged as a cornerstone of the local economy, significantly contributing to the prosperity of farmers. The concerted efforts of ICAR-Krishi Vigyan Kendra, Bidar, in introducing and demonstrating cutting-edge agricultural technologies have garnered praise from experts and local farmers alike. Hon'ble Vice Chancellor, Dr. M. Hanumanthappa, lauded the

Kendra's commitment to uplifting the agricultural landscape.

A noteworthy event unfolded on December 8, 2023, in Taranalli village, Bhalki taluk, as a Field Day celebrated on thriving ginger crop at Sri. Kashappa Annarao Patil's farm. The event, presided over by Dr. S. B. Gaudappa, Director of Extension, UAS, Raichur, showcased the success of implementing innovative technologies in ginger cultivation and also highlighted the district's record yields and emphasized the role of advanced technologies, including IISR Calicut's ginger-rich Micronutrient mixture and organic fertilizers introduced by KVK, in achieving even higher productivity.

Addressing the gathering, Bhalki Taluk ADA, Shri. Mallikarjuna PM, emphasized the need for crop diversification to withstand climate change while maintaining soil health. Progressive farmer Sri. Baburao Havashetty praised the Patil family as the village's ideal, urging others to adopt university-endorsed technologies for increased yields. Guest speakers, including Nagendrappa Biradara, acknowledged the university's support in encouraging farmers to adopt new technologies. The event featured professional farmers sharing expertise on various aspects of ginger cultivation, from land preparation measures and drip irrigation to disease management and crop production experiences. In interactive sessions, experts such as Dr. Mallikarjuna Ningadalli and Dr. Sunil Kulkarni addressed farmers' queries on good farming techniques, disease management, and pest control in ginger cultivation.

KVK Head, Dr. Sunilkumar NM, welcomed participants and provided insights into the innovative practices being promoted. The Field Day witnessed the active participation of 345 farmers and farm women, highlighting the widespread interest in adopting modern agricultural practices. The dignitaries, including Shri. Kashappa, commended Annarao Patil's ginger field, symbolizing the success of implementing advanced techniques.

The program's culmination featured a demonstration by Sinjenta Company, showcasing spraying technology through drones—an embodiment of the district's commitment to embracing modern agricultural practices. The event not only celebrated the success of ginger cultivation but also underscored the pivotal role of technology in transforming the agricultural landscape of Bidar district.



### Soil Health Day

The Soil Health Day Celebration at ICAR-Krishi Vigyan Kendra, Bidar was a momentous event marked by the presence of esteemed guests from the KSDA and Line Dept. of Bidar district. The occasion served as a platform to underscore the significance of soil health in sustainable agriculture and its pivotal role in ensuring food security.

KVK Bidar, with its commitment to agricultural development, brought a wealth of knowledge and experience to the celebration. The guests, comprising agricultural experts, researchers, and policymakers, engaged in insightful discussions and shared innovative strategies to enhance soil fertility and productivity.



The event featured informative sessions, interactive workshops, and practical demonstrations aimed at educating farmers about best practices in soil management. KVK Scientists highlighted the importance of adopting organic farming techniques, precision agriculture, and the judicious use of fertilizers to promote soil health.

The Soil Health Day Celebration not only fostered knowledge exchange but also reinforced collaborative efforts between KVK, KSDA and other line departments Bidar to address the challenges faced by farmers in the region. The guests' active participation underscored the collective commitment to sustainable agriculture, paving the way for a healthier and more resilient agricultural landscape in Bidar.



## KVK Calicut

### Union Minister Calls for Doubling Farmers Income through Advanced Technologies

Union Minister B L Verma addressed farmers online during a seminar organized at KVK as part of the Viksit Bharat Sankalp Yatra (VBSP) initiative. He emphasized the government's commitment to doubling farmers' income by promoting the adoption of advanced technologies. In his address, Verma highlighted several key initiatives of Government of India. He added that the central government is emphasizing on increasing the storage capacity of agricultural produce, training women in the use of drones, increasing the importance of soil testing and setting up more organic certification labs. As part of the VBSY, Webcasting of the honourable Prime Minister's address to farmers was also arranged. Dr. P. Ratha Krishnan, Head of KVK, presided over the meeting.

The seminar also featured a discussion class on Integrated Farming Systems led by P. Vikraman, Principal Agriculture Officer (Retd.) with participation from 100 farmers across Kozhikode district. KVK scientists Dr. P.S. Manoj, Dr. B. Pradeep, and Dr. K.K. Aiswarya also spoke on the occasion. Additionally, poultry and cages were distributed to Scheduled Caste farmers under the SCSP program of the Indian Institute of Spices Research, Kozhikode. Dr. S. Shamughavel, SMS (Animal Science), coordinated the distribution.

The VBSP Yatra continued its journey across various panchayats in Kozhikode district. The program reached 25 panchayats, with participation from Lead Bank, other government institutions, and various banking partners. Each department highlighted their available schemes and services. KVK actively participated by facilitating the sharing of farmers' experiences and organizing demonstrations of drones in farmers' fields.

( P.S.Manoj, SMS, Ms.Anjana. K. P. (SRF, NICRA and Dr. P. Ratha Krishnan, Head, KVK, Kozhikode, Kerala)





### Field day of Elephant Foot Yam (EFY) demonstration organized at NICRA village

A field day during the occasion of harvesting of EFY was organized by KVK at Kothode on 20.12.2023 under the NICRA project. The event was inaugurated by K. Sajith, President, Maruthonkara Grama Panchayat, in the presence of P. Rajilesh, ward member. Dr. P.S. Manoj, SMS (Horticulture) and Anjana K., P (SRF, NICRA) coordinated the programme. About 50 farmers from the village including members of Pratheeksha Farmers Club participated in the programme.

The variety taken up for technological demonstration was Sree Padma, known for its high yield and tolerance to drought. Developed by the Central Tuber Crops Research Institute, Thiruvananthapuram, this variety is notable for being less itchy and has the yield potential of about 40 t/ha within a span of 8-9 months. The successful harvest not only showcased the potential of EFY cultivation but also emphasized the positive impact of the NICRA project on promoting sustainable and climate resilient practices.

**(Ms. Anjana. K. P (SRF, NICRA), P.S. Manoj, SMS and Dr. P. Ratha Krishnan, Head, KVK, Kozhikode, Kerala)**



### KVK Chamarajanagara

### Capacity Building Programme on Glyphosate Use for Pest Control Operators (PCOs)

Two days capacity building programme on Glyphosate Use for Pest Control Operators (PCOs) was organized at ICAR KVK Chamarajanagara from 12-13 December 2023. The programme was inaugurated by Dr. G. S. Yogesh, Senior Scientist and Head and was co-ordinated by Dr. Shruthi M. K., Scientist (Agronomy). During the training more emphasis was given to understand the properties of Glyphosate and use of different formulations of Glyphosate and the mode of action for the safe use of Glyphosate. In the training, the role of PCOs in handling Glyphosate, reducing its harmful effect on environment and human was highlighted. Dr. Pompanagowda, B., Senior Technical Officer explained the toxicity classification, environmental fate and illustrations pertaining to ecotoxic studies of



Glyphosate. Dr. Shruthi, M.K., demonstrated method of calibration and calculation on doses and quantities of Glyphosate. Further, for PCOs, awareness was created about Do's and Don'ts during Glyphosate application, label and leaflet. PCOs are involved in hands on experience on method of application of Glyphosate using different types of sprayers, nozzles, etc. There were 50 PCOs who got trained programme. Mr. Prakash, DAESI facilitator also participated in the program along with DAESI students.

**(Dr. Shruthi M. K., Scientist (Agronomy)  
Dr. Yogesh G. S., Senior Scientist and Head)**



## KVK Chikkaballapura

### World Soil Day

World Soil Day was celebrated by ICAR-Krishi Vigyan Kendra, Chikkaballapura on 05.12.2023 at Kootarajanahalli village of Chintamani taluk. Dr. Sandhya, Scientist (Soil Science) explained about Soil and water conservation technologies. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) highlighted about importance of soil day and importance of integrated soil health management. Dr. Swathi, Scientist (Plant Pathology) explained about integrated management of soil borne diseases. Seedlings and soil health cards were distributed to farmers during the programme. 40 farmers participated in the programme.

### Training on Scientific Cultivation Practices in Coconut

On campus training on scientific cultivation practices in Coconut was organized by ICAR-KVK, Chikkaballapura on 13.12.2023. Dr. Venkataravana, Dean (Seri), College of Sericulture, Chintamani and other dignitaries inaugurated the programme. Dr. Papireddy Senior Scientist and Head emphasized about cost reduction technologies and scope of value addition in coconut. Dr. Praveenakumar, R. Scientist (Horticulture) explained about scientific cultivation practices in Coconut. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) emphasized about entrepreneurship development in coconut. Dr. Narasareddy, Assistant professor, Department of Agricultural Entomology explained about pest management in coconut. Mr. Dhanshekhar and Miss. Chandana, Technical officers Coconut Development Board explained about schemes of Coconut Development Board. Coconut tree climbing demonstration was done during the programme.



Smt. Gayathri.M, Deputy Director of Horticulture, Chikkaballapura participated in the event and explained about the state government schemes available in horticulture department. Folder and training manual was released during the programme.



### Training Programme on Natural Farming

ICAR-KVK, Chikkaballapura organized training programme on natural farming was on 15.12.2023. Mr. Vishwanath, Scientist, (Agronomy) explained about principles of natural farming and liquid organic manures. Further preparation of jeevamruta, waste decomposer and other liquid organic manure was demonstrated during the training programme.



## KVK Chikkamagaluru

### Two days Capacity Building Programme on Scientific Beekeeping

ICAR, Krishi Vigyan Kendra, Chikkamagaluru, has organized **Two days Capacity building programme on Scientific Beekeeping** at KVK, Chikkamagaluru on December 7<sup>th</sup> and 8<sup>th</sup>, 2023.

Dr. Suchithra Kumari, M.H, Scientist (Plant Protection), KVK, Chikkamagaluru has given introductory remarks that, this is the platform to learn about on importance of beekeeping in as a source of income as an enterprise one can involve in commercial activities and further in technical session on 07.12.2023 (Day-1) delivered the lecture on scope of beekeeping, types of honey bees, identification of bees and their colony organization, colony division, specific management of honey bees, disease and insects pests and economics of beekeeping.

Dr. Krishnamurthy, A. T., Senior Scientist and Head, KVK, Chikkamagaluru, in his presidential remarks briefed about the importance of beekeeping, District was known for its horticulture crops and bees play a significant role in pollination of crops and increases the yield by 15-20%. Further briefed that KVK, Chikkamagaluru encouraging the rural youths to come forward and become beekeeping entrepreneurs by engaging in the activities like production of honey, bee-pollen, bee wax, bee venom and processing, branding and marketing.

Sri. Suresh Horahatti, Progressive Honey bee entrepreneur practically demonstrated the Honey bee colony, honey extraction process and about the economics and marketing of Honey products.

Second day on 08.12.2023 there were three technical sessions organized, Sri. Haluvalli Chandrashekar, stingless bee entrepreneur, Kalasa, delivered the lecture on scientific beekeeping on Stingless Bee and their economics. Further live demonstrated domesticating and transferring of natural colony of stingless bee to bee box.

Mr. Ranjith , Honey bee entrepreneur, explained about the challenges and drawbacks in beekeeping and also briefed the recent innovation , modern technology and scope of bee keeping and bee therapy

Mr. Syed Imran, Asst. professor, College of Horticulture Mudigere enlightened about the incidence of pests and diseases to honey bee colony and their integrated management practices. Total 35 participants participated and got benefit out of it.



## KVK Dakshina Kannda

Farmers from BAIF - CLIMATE SMART VILLAGE PROJECT, Nuggeshalli, Chanarayapatna taluk, Hassan visited ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru on 04-12-2023 part of their visit organized a capacity development programme on Integrated crop management in Coconut. Dr. Ramesha T. J. Senior Scientist and Head on his presidential remarks highlighted about the present status and future scope for development of coconut orchards and urged to utilize the schemes and programmes of Coconut Development Board for sustainable production and income.

Dr. Rashmi, R., Scientist (Horticulture) coordinated the programme and delivered lecture on Improved cultivation practices, pests and disease management, marketing and value addition of coconut crop. Mr. Anand R. B., Programme Coordinator BAIF - CLIMATE SMART VILLAGE PROJECT and 37 farmers were benefitted from the programme

**(Dr. Rashmi R. and Dr. T. J. Ramesha)**



### District Level Workshop on Scientific Production Technology of Coconut.

ICAR-Taralabalu Krishi Vigyan Kendra in collaboration with Coconut Development Board, Bengaluru and Department of Horticulture, Davanagere organized one day **District Level Workshop on Scientific Production Technology of Coconut**. More than 110 Farmers participated in the event. Production technology of Coconut including varieties, cultural operations, planting methods were covered by Horticulture Scientist Mr. Basavanagowda M.G. Role of Soil sampling and integrated Nutrient Management in coconut was covered by soil scientist Mr. Sannagoudra H.M. Dr. Avinash T.G., Scientist (Plant protection) covered detailed information about integrated pest and disease management in coconut. The programme was inaugurated by Dr. Raghavendra Prasad, Deputy Director of Horticulture, Mr. Dhanashekar, Senior Technical Officer, Dr. Devaraja T.N., Senior Scientist Cum Head were among the other dignitaries present in the programme.

(Mr. Basavanagowda M.G. Subject Matter Specialist (Horticulture))



### Horticulture for Students

ICAR-Taralabalu Krishi Vigyan Kendra in collaboration with Department of Horticulture conducted one day training programme on **“Horticulture for Students”**, The programme was inaugurated by Horticulture Scientist Sri Basavanagowda M.G. and he shared his experiences on Nutrigarden and its importance, methods of

propagation in plants, organic farming methods during the programme. Smt Reshma Parvin, Senior Assistant Director of Horticulture mentioned the schemes available with the Department for the benefit of Farming Community. More than 150 students, Teachers from St. Pauls convent were participated in the training. Each student was provided with Vegetable seed kit, Portray and Biomax for the production of organic vegetables in home and also in school premises.

(Mr. Basavanagowda M.G., SMS (Horticulture) ICAR-Taralabalu KVK, Davanagere))



### Sponsored/ Vocational Training on “Scientific Beekeeping”

The Sponsored/ vocational training on “Scientific Beekeeping” sponsored by National Bee Board, New Delhi was organized by ICAR-KVK, Dharwad from 7-13 December, 2023 at ICAR-KVK, Dharwad to motivate the farming community for taking beekeeping as profession and hobby. Various topics of beekeeping like history of beekeeping, different species of honeybees, lifecycle, role in pollination of agriculture and horticulture crops to enhance the yield, collection, processing and value addition of honey, management of natural enemies of honey bees, bee keeping as a subsidiary enterprise, madhukranti portal etc., were covered during the programme. Exposure visit was arranged to a successful beekeeping/honey bee entrepreneur Shri Madhukeshwar Hegde's field at Sirsi to provide firsthand experience. Dr. Shweta Biradar, Scientist (Home Science) and Dr. D. N. Kambrekar, Senior Scientist and Head of ICAR-KVK, Dharwad coordinated the programme. About 25 trainees from various districts like Gadag, Belagavi, Bellary and Dharwad of Karnataka participated in the training.



### Field Day on Cotton

informed about important diseases and their management and methods to follow to increase production and yield in cotton. Mr. Sharat Bhorashettar, Territory Manager, Rasi Seeds Pvt. Ltd, differentiated the importance of growing Rasi seeds varieties over other conventional varieties, suggested farmers to follow HDPS to get high yield and Shri Satish Chikkamath, Progressive Farmer, Byalyal shared his experiences of growing cotton crop in demonstrated verses conventional fields. Dr. Madhumati S. Pujeri, YP-II, KVK, Dharwad welcomed the gathering and Dr. Pooja Kathare, YP-I, KVK, Dharwad delivered vote of thanks.

ICAR-KVK, Dharwad organized Cotton Field Day on 09.12.2023 at Harobelavadi village of Dharwad taluk under special project on cotton entitled “Targeting Technology to Agro-Ecological Zones Large Scale Demonstrations of Best Practices to Enhance Cotton Productivity”. Nearly 100 farmers were participated in the event. Dr. U. K. Shanwad, Scientist (Agronomy), KVK, Dharwad, briefed the background of the project. Dr. I. S. Katageri, Retd. Directorate of Extension and Hon'ble VC's Technical Advisor, UAS, Dharwad, briefly explained the benefits of growing cotton in Demonstrated field over conventional cotton field, compared yield of cotton in India with other countries and suggested to adopt HDPS method of planting by reducing spacing to get more yield. Dr. P. Nagaraju, Nodal Officer (KVKs), UAS, Dharwad, highlighted important diseases of cotton and their control measures. Dr. K. P. Gundannavar, Assistant Professor (Agril. Entomology). College of Agriculture. Dharwad.



## Workshop on Fashion Designing

ICAR-KVK, Dharwad in collaboration with Shri Satya Sai Institute, Hubballi organized one day Workshop on Fashion Designing for 80 members from Sulla and Tirlapur villages of Hubballi taluka on 14.12.2023. In this workshop advanced enrichment for the garments such as embroidery on the saree blouse, sharara suit set, kuchha/gota for saree pallu, kids fashion wear etc., was meticulously provided for the members. Also information on marketing technique, advertisement and market linkage was provided by Dr. Shweta Biradar, Scientist (Home Science), ICAR-KVK, Dharwad.



## "Best Poster Presentation Award" to ICAR-KVK, Dharwad Scientist

Dr. Jayashree Pattar, Scientist (Animal Science), ICAR-KVK, Dharwad received the "Best Poster Presentation Award" during the International Conference on "Feeding the Future through Sustainable Eco-friendly Innovations in Rangeland, Forages and Animal Sciences" organized by RMSI, Jhansi and ICAR- IGFRI, Jhansi (UP), India, in collaboration with UAS, GKV, Bangalore and KVAFSU, Bidar, India during 2-4, December 2023.



## Training on "Agro Ecological Practices" for Community Resource persons of Farm Livelihood (Krishi Sakhi)

Training programme on "Agro Ecological Practices" for Community Resource persons of Farm Livelihood (Krishi Sakhi) was organized by ICAR-Krishi Vigyan Kendra, Dharwad in association with KSRLPS Skill Development, Entrepreneurship and Livelihood Department, Government of Karnataka from 1-6 December 2023. Dr. S. S. Angadi, Director of Extension, UAS, Dharwad inaugurated the programme, Dr. S. A. Gaddanakeri, Associate Director of Extension, UAS, Dharwad and Shri Jayashree Hiremath, Deputy Director of Agriculture, Dharwad and Shri Basavaraj Kundagol, President, Krishika Samaj, Dharwad were also present during the programme. Around 27 Krishi Sakhis, staff of ICAR-Krishi Vigyan Kendra, Dharwad and Zilla Panchayat Dharwad participated in the programme. Dr. Airadevi P. Angadi, Scientist (Horticulture) co-ordinated the programme.



(Dr. D. N. Kambrekar, Senior Scientist and Head, Dr. Shweta Biradar, Scientist (Home Science), Dr. Jayashree Pattar, Scientist (Animal Science), Dr. U. K. Shanwad, Scientist (Agronomy), Dr. Airadevi P. Angadi, Scientist (Horticulture) and Smt. Shailaja N. Galagali, Technical Officer (Computer), ICAR-KVK, Dharwad)



### World Soil Day with Educational Event in Ayyampuzha

On December 5, 2023, the Krishi Vigyan Kendra (KVK) Ernakulam marked World Soil Day with a celebratory event held at Ayyampuzha. The gathering included the active participation of progressive farmers and officials. Shri. Shoji Joy Edison, Subject Matter Specialist, delivered an insightful lecture on Soil Health Management. The event also featured a video presentation on Integrated Nutrient Management and Compost Preparation. To showcase practical applications, a live demonstration of drone-based spraying in the wetlands of Ayyampuzha was conducted in collaboration with FACT. Additionally, representatives from Union Bank (Lead Bank Manager, Ernakulam) and SBI managers in Ayyampuzha elucidated banking-related schemes tailored for the benefit of farmers. The event not only celebrated World Soil Day but also provided a platform for knowledge exchange and hands-on experiences in soil health management and agricultural practices.



### Scientific Advisory Committee Meeting

35<sup>th</sup> Scientific Advisory Committee Meeting of ICAR-KVK, Gadag was held on 6<sup>th</sup> December, 2023. Dr. Sudha V. Mankani, Senior Scientist and Head (I/c.) welcomed the Honourable Members of SAC and presented the action taken report on the suggestions given by Members in previous SAC meeting. Shri D.R. Patil, Chairman of Host Institution-Agricultural Science Foundation, Hulkoti in his opening remarks, emphasized organizing more number of programmes on adoption of Natural Farming and Integrated Farming system for sustainable income to the farmers. He has also suggested to share the experiences of farmers who are involved in Natural Farming Practices in the next SAC Meeting. Dr. Sudha V. Mankani, Senior Scientist and Head (I/c.) presented overall achievement of mandated programmes implemented by KVK. Later, KVK Scientists briefed the progress of activities of Rabi and Summer 2023 and Kharif 2024. Interaction and discussion with SAC Members were held for finalising KVK deliverables interms of mandated programmes for next year. Dr. Thimmappa K., Principal Scientist, ICAR-ATARI, Bengaluru, Dr. L.N. Hegde, DE, UHS, Bagalkot and Dr. Appannavar, Dean, College of Veterinary, Gadag gave valuable suggestions. District Officers of various Line Departments, Scientists from ARS Annigeri, AEEC, Gadag, Progressive Farmers and Women Entrepreneurs participated in the meeting.

**(Dr. Sudha V. Mankani, Senior Scientist & Head (I/c.) of ICAR-KVK, Gadag)**





### World Soil Health Day

ICAR-K.H.Patil Krishi Vigyan Kendra, Hulkoti, Gadag, Mangalore Chemicals and Fertilizers Limited, Bangalore and Department of Agriculture, Gadag jointly organised World Soil Health Day on 05-12-2023 at ICAR-KVK, Gadag. The programme was inaugurated by Shri Narayanaswamy R., Regional Marketing Head, Mangalore Chemicals and Fertilizers Pvt. Ltd., Bangalore. He addressed the gathering and pitched for judicious use of chemical fertilizers to maintain soil fertility.

Smt. Spoorthi G.S., Deputy Director of Agriculture, Department of Agriculture, Gadag suggested the farmers to use organic fertilizers and bio-fertilizers. She also explained the importance of use of balanced fertilizers to maintain the soil fertility.

Smt. Rajeshwari Chiniwara, Agriculture Officer, Raitha Sampark Kendra, Hulkoti advised the farmers on maintaining soil fertility by using bio-pesticides. Shri C.B. Palled, Resource Person, ANSSIRD, Gadag said that soil and water conservation should be done to prevent soil erosion and maintain soil fertility to get good yields. Dr. Sudha V. Mankani, Senior Scientist and Head (I/c.) briefed about the use of organic fertilizers to maintain the biological, chemical and physical properties of the soil to obtain stable yields.

Shri N.H. Bhandi, SMS (Soil Science) briefed about the importance on celebration of World Soil Health Day, steps involved in soil testing etc. Later, Soil Health Cards were given to the farmers during the

programme. Smt. Nagaratna Balihallimath, President, Gram Panchayat, Hulkoti and Smt. Anusuya Betageri, President, Gram Panchayat, Kalasapura, Dr. Vinayaka Niranjana, SMS (Ag. Engg.) and Shri Suresh L Halemani, Farm Manager were present. About 138 farmers and farmer women participated in the programme.

(Shri N.H. Bhandi, SMS (Soil Science) of ICAR-KVK, Gadag)



### Visit of Dr. Thimmappa, Principal Scientist, ICAR-ATARI, Bengaluru

Dr. Thimmappa, Principal Scientist, ICAR-ATARI, Bengaluru visited ICAR-K.H.Patil Krishi Vigyan Kendra, Hulkoti on 6<sup>th</sup> & 7<sup>th</sup> December, 2023 to review the activities of KVK and to visit Natural Farming programme implemented by KVK.

On 6<sup>th</sup> December, 2023 visit was organized to KVK Farm. Dr. Thimmappa visited all the agri., horti. and forestry plots and also reviewed the works carried out under farm development viz., digging of new borewell and irrigation systems. Dr. Thimmappa discussed with Farm Manager on income and expenditure of Farm and gave valuable suggestion on farm development activities.



### Women in Agriculture day

ICAR-KVK, Hassan has organized the women in Agriculture day on 04/12/2023 at KVK, Kandali, Hassan. Programme is inaugurated by Mrs. Pratipa, Progressive farm woman and best young farmer award winner from Sakaleshpur taluk and during her inaugural address she expressed that women in addition to farming, they should also participate in social works and should involve participate in Major financial decisions of family then only women in agriculture day celebration will be meaningful. Further she shared her experience in farming which paved way for the recipient of best young farm women award in Krishimela-2023 at UAS, Bangalore.

Dr. M. Shivashankar, scientist (Home Science) KVK, Hassan has chaired the programme and during his presidential remarks he said that women should involve more in agriculture to become self-sustain financially. Mrs. Bhavya, ADH, Somanahalli Kaval, Hassan during her chief guest address said that it is proud that 75 per cent of works in agriculture were carried out by women alone but it is not enough they should take their rights on land ownership and one should involve in decision taking activities then only the celebration of this day will become more meaningful.

Dr. Pallavi, N., Scientist, KVK, Hassan has said that by earning income through own enterprise or small home-based craftworks can help the family to lead a good life.

Dr. Sakamma, S., Farm Manager, KVK Hassan has narrated the programme. Dr. Shrinivas Deshpande, Dr. Sanketh, C. V., Scientists, KVK, Hassan, Mr. Vignesh, Agricultural officer, SKDRDP, Alur taluk and 52 farm women of Hassan district were participated in the programme.

On 7<sup>th</sup> December, 2023, visit was made to fields of Natural Farming practising farmers who are trained under Natural Farming viz., Shri Devaraddi Aagasanakoppa at Kadakol village of Shirahatti block and Shri Basavaraj Navi at Suganalli village of Shirahatti block. Dr.Thimmappa interacted with both the farmers and expressed his happiness on their adoption of Natural Farming practices. Later visit was made to SCSP activities as well as FLD & CFLD demonstration fields at Beladhadi village of Gadag block.

(Dr. Sudha V. Mankani, Senior Scientist & Head (I/c.) of ICAR-KVK, Gadag)



**(Dr. Pallavi, N., Scientist (Crop Physiology)  
Dr. Sanketh, C. V. Scientist  
(Agricultural Extension)  
Dr. Sakamma, S., Farm Manager, KVK, Hassan  
Dr. Rajegowda, Senior Scientist and Head)**



### World Soil Day

ICAR-KVK, Hassan in collaboration with ATMA, Department of Agriculture, Hassan Coromandel fertilizers ltd., Hassan has organized the world soil day on 05/12/2023 at Palya village of Alur taluk. Programme was inaugurated by Mr. Manu, ADA, Alur and during his inaugural address he mentioned the importance of integrated farming system in maintaining soil health. Dr. Arunkumar, B. R., Scientist, KVK, Hassan has organized the programme and he explained the significance of World Soil Day, the background and the meaning of this year's theme "Soil and water are the basis of living organisms" to the farmers and he also inform about the importance of soil test in agriculture, soil testing center at KVK, Hassan and about the soil health certificate. Further, he elaborated that maintaining the soil health will contribute for increased productivity and in turn helps to earn more income by the farmers.

Mr. Umesh, President, Palya Gram Panchayath, Alur chaired the programme and during his presidential remarks he opined that it is the duty of all farming community to protect the soil and contribute fertile soil to the next generation so that they can sufficiently feed growing population. Ms. Manjula, Deputy project director, ATMA, Hassan during her introductory remarks mentioned that farmers should

apply based on soil test to reduce the cost of cultivation agriculture and also opined that how comprehensive nutrient management is a boon to the farmers to maintain soil health.

Dr. Rajshekar, Senior Agronomist, Coromandel fertilizers ltd., Hassan said that how soil test will help the farmers to maintain soil health and he also explained the soil sampling through method demonstration. Mr. Mahanthesh, Agricultural officer, Mrs. Pavithra, Assistant agricultural officer, Palya Gram Panchayath vice-president, members, staff, Alur taluk farmers and farmer women were participated in the programme.

**(Dr. Arunkumar, B. R., Scientist (Soil Science)  
Dr. Sanketh, C. V. Scientist  
(Agricultural Extension)  
Dr. Sakamma, S., Farm Manager, KVK, Hassan  
Dr. Rajegowda, Senior Scientist and Head)**



### KVK Idukki

### International Year of Millets, 2023: Millet Recipe Contest

ICAR-KVK, Idukki, Kerala, organized a Millet Recipe Contest for farmers of Devikulam block at KVK Seminar Hall. The programme was organized to celebrate International Year of Millets, 2023, in the theme "Millets: Nourishing our bodies, nurturing our planet." "Revive your health with the goodness of millets." "Millets: A sustainable, nutritious and delicious choice.", to create awareness on the health benefits of millets and also to understand services



rendered through local recipes in terms of conserving millet biodiversity. The programme was inaugurated by Dr R. Marimuthu, Senior Scientist and Head, KVK Idukki and he focused on promotion of millet-based products in combination with local herbs and ethnomedicinal plants which can open new opportunities for the young entrepreneurs. Dr. S Jayababu, SMS Animal Science, a jury Member emphasized the need to market millets and millet products through digital platforms to ensure profitability to rural entrepreneurs. Another Jury Member, Mr. Sudhakar Soundarajan, SMS Plant Protection, pointed to promote millets as a sustainable and nutritious food choice for all., Dr R. Marimuthu, Senior Scientist and Head, Dr. S Jayababu, SMS Animal Science, Mr. Sudhakar Soundarajan, SMS Plant Protection, Mr. Shaji K Kakkattu, Assistant KVK Idukki, Smt. Rachel Skariakutty, and Programme Assistant (Lab Technician) tasted the Millet recipes and composed the score cards. A total of 15 farm women participated in the contest and displayed their millet-based food recipes.



## KVK Kalaburagi - I

### World Soil Day

ICAR - Krishi Vigyan Kendra, Kalaburagi-I celebrated 'World Soil day-2023' with the slogan 'Soil and Water: a source of life' at Shirolli and Nidagunda villages of Chincholi taluka Kalaburagi dist.in collaboration with Prime Minister-Vikasa Bharat Sankalpa Yatra mobile Van and line department viz, State Bank Of India, Karnataka Grameen Bank, Ujwala Yojana, NGO and RSK, Department of Agriculture on 05.12.2023.

The programme was inaugurated by Dr.Shreenivas B V, Soil Scientist, KVK, Kalaburagi, briefed about the importance of the world soil day and raised awareness regarding the importance of maintaining healthy soil and human well-being by addressing the growing challenges in soil management and importance of soil analysis also explained importance of soil testing in agriculture and soil health management, usage of soil health cards, integrated nutrient management, techniques of soil sample analysis and highlighted on increasing soil fertility through addition of sufficient organic matter to the soil. The programme was witnessed by Sri. Nagendrappa, President, Gram Panchayat, Shirolli, Smt. Lalithamma, President, Gram Panchayat, Nidagunda, ChincholiTq. Kalaburagi dist. Line department officials, progressive farmers, students and public. Around 600 farmers were benefitted from these two programmes.

On the occasion of World Soil Day-2023 celebration were arranged by Deputy Director of Agriculture, Sedam, RSK, Sedam at Rajiv Nagar, Sedam tq, Kalaburagi dist. The programme was inaugurated by Dr. Anasuya Hugar, DDA, KSDA. Sedam, in her inaugural speech briefed about the importance of the soil and maintaining healthy soil through organic methods and also detailed explain about department facilities and schemes. The programme was witnessed by Sri. Bhagavantrao, member Vikasa Academy, Gram Panchayat members,

*Eat Millets - Stay Healthy*



farmers and School children. Sri. Balaraj anchored and thanked the guests. Total of 75 Farmers and students were actively participated in this programme.

ICAR - Krishi Vigyan Kendra, Kalaburagi-I celebrated 'World Soil day-2023' with the slogan 'Soil and Water: a source of life' at KVK, premises on 05.12.2023. The programme was inaugurated by Dr. Samad Patel, JDA, KSDA, Kalaburagi in his inaugural speech briefed about the importance of the world soil day and raised awareness regarding the importance of applying organic fertilizers for maintaining soil health. The programme was presided by Dr. Vasudev Naik, Scientist (Horticulture), Head (I/c), Dr. Zaheer Ahmed, Scientist (Pathology) anchored, Dr. Yusufali Nimbargi, Scientist (Agronomy) welcomed and thanked the guests. After the programme, released leaflet regarding soil health and soil health cards were distributed to the farmers. Scientist and staff of KVK, ATMA staff and progressive farmers were witnessed. Total of 80 farmers and students were actively participated and benefitted from this programme.



## KVK Kalaburagi - II

### World Soil Day -2023 and Viksit Bhart Sankalp Yatra (VBSY)

ICAR-KVK, Kalaburagi-II celebrated “World Soil Day-2023” under VBSY at Atnoor Gram Panchyat of Afzalpur Taluka. During the event brief introduction of World Soil Day was give by Dr. Chethan T, Scientist (Horticulture).

Mrs. Farzana M.K, Senior Technical officer (Soil science) briefed about the theme of World Soil Day-2023 “**Soil and Water a Source of life**”. The program was organised with special reference to maintaining soil fertility and irrigation water management practices. Enhance crop production for sustainable agriculture. Also encouraged farmer for enhanced use of organic manures and growing green leaf manure crops for maintaining soil fertility and soil health. Information on central Govt. scheme soil health card was also given in this program more than 70 farmers participated.

Under VBSY program on 9-12-2023, ICAR-KVK, Kalaburagi-II participated at Narayanpur Gram Panchyat of Jewargi taluka. The program was inaugurated by Hon'ble Member of Parliament of Kalaburagi Sri. Umesh Jadhavji and addressed the gathering about central Govt schemes. SBI Lead Bank manager and staff, Jewargi all officers of line Dept. farmers and farmwomen's participated in the program.

Mrs. Farzana M.K, Senior Technical officer (Soil science) briefed about soil health card scheme and importance of soil and water analysis for increased crop yield by lowering cost of cultivation and maintaining soil health and fertility.

Mr. Sanjeevkumar Patil, Technical officer (Computer) briefed about Agriculture application which help farmer in their day-today farm activities in either taking up timely farm operation or postponing. Certain operation at times of unfavorable weather condition. More than 200 farmers including farmer women participated in the program.



Under VBSY on 10-12-2023 Dr. Chethan T, Scientist (Horticulture) organised demonstration of drone application in agriculture for precision spraying of pesticides thereby reducing chemical usage and in maintenance of environment and ecological balance. More than 100 farmers participated in the live demonstration of Drone Application in Agriculture.



### Monitoring and Inspection of Pigeonpea Variety (GRG-152) Under Seed Hub Project

Mrs. Farzana M.K, Senior Technical officer (Soil science) was involved with KSSOCA staff Mr. Shivkumar M Monitoring and inspection of Pigeonpea variety (GRG-152) under seed hub project of ICAR-KVK, Kalaburgi-II on 11 and 12<sup>th</sup> December 2023. The seed production field plots at Yalwar, allure, Biral-B, Andola etc of Kalaburgi district were inspected to ensure specific eligibility requirement for seed certification such as there is no presence of off types in variety given and maintain seed purity and seed health.

(Dr. N. Manjunahta, Sr. Scientist & Head, Dr. Chethan T, Mrs. Farzana M.K, Sr. Technical officer (Soil Science) and Mr. Sanjeevkumar Patil, Technical officer (Computer))

## KVK Kannur

### One Day Workshop for Entrepreneurs

KVK Kannur in collaboration with Agri-Business Incubation Centre of Kerala Agricultural University organized one day workshop for food entrepreneurs in Kannur district as part of PMFME (Pradhan Manthri Formalization of Micro Food processing Enterprises) Scheme. Dr. Jayaraj P., Programme Coordinator, KVK inaugurated the workshop. He highlighted about the entrepreneurial opportunities in food sector. Dr. Vidhu Prabha, Training Coordinator, Agri-Business Incubation Centre discussed about the PMFME scheme. Dr. Parvathy A., Assistant Professor (Agricultural Extension), KVK handled a session on Entrepreneurship Development and Marketing. Smt. Elizabeth Joseph, Assistant Professor (Home Science), KVK delivered a class on Value addition of fruit crops and lead a practical session on the same. Smt. Radha K. V., Soubhagya Virgin Coconut Oil Unit, Pappinissery and Smt. Shajitha M. K., Thanima Food Products, Kannapuram shared their experience as entrepreneurs. Thirty entrepreneurs in Kannur district participated in the workshop.



## KVK Kodagu

### Six Days Pashu Sakhi at KVK, Kodagu

A six days collaborative training programme was organised by Karnataka State Sanjeevini through Department of Animal husbandry and Veterinary Services, Zilla Panchayath and Krishi Vigyan Kendra, Gonikoppal from 4<sup>th</sup> – 9<sup>th</sup> December 2023. The objective of programme was to reach the animal husbandry farmers with various schemes of central and state sector through the service of Pashu Sakhi's. The programme was inaugurated by Sri. Dhanaraj, Chief Secretary & Project Director, Kodagu Zilla Panchayath. Dr. Venkatesh, State Programme Officer, KSRLPS, Govt. Of Karnataka, Joint Director of AH & VS. Dr. C.P. Thimmaiah, Deputy Director (Poly Clinic), Dept. of AH&VS, Kodagu District participated as Chief guest and spoke on the roles and responsibilities of Krishi Sakhi's in association with the Department. Mr. Prabhakar, Head(I/C), KVK,

Kodagu spoke on the relevance of the programme and encash it's benefit through strengthening of knowledge and sharing of information among the farming community. The programme was co-ordinated by Dr. Shanthesh, Additional Director, Dr. Girish, Veterinary. Doctor, Dr. Naveen of Dept. Of AH&VS. In the programme, the officials of NRLM of Kodagu District and 54 Pashu Sakhi's of Virajpet and Ponnampet taluk were present.



## KVK Kolar

### World Soil Day

KVK Kolar celebrated World Soil Day 2023 with the theme "**Soil and Water: The Source of Life,**" in collaboration with ATMA, KSDA Kolar, Paradeep Phosphates Ltd, Mangalore Chemicals and Fertilizers Limited (Adventz Group) on 05.12.2023 at COH, Kolar. Dr. Shivanand V. Hongal, Senior Scientist and Head, KVK Kolar, presided over the function and emphasized the significance of the event. Chief Guest. Mr. Nagaraj, Deputy Director Agriculture, Kolar, informed farmers about department initiatives for maintaining soil health. Dr. Anjanappa M, Dean (I/C), COH Kolar, highlighted the Importance of soil health.

During the technical sessions, Rudrappa Marilinganavar, Dr. Dhananjaya, and Dr. Anil Kumar S, Scientist (SS&AC), KVK, Kolar explained soil testing, soil and water conservation, and the maintenance of soil health. Dr. Shashidhar K.R, Scientist (Sericulture) Dr. Asha K.M., Scientist (Horticulture), Smt. Swathi G.R., SMS (Agromet), Mahesh Babu ADA, Thammaiah DGM, MCF Ltd,





### **Capacity Development Program on Weather Based Scientific Agriculture and Soil Sampling Techniques.**

KVK Kolar organised capacity development program on weather based scientific agriculture and soil sampling techniques at Dandiganahlli village of Kolar taluk on 08.12.2023. Mrs. Swathi G. R. SMS (Agrometeorology) explained about DAMU, weather forecasting and usage of weather based mobile applications and Dr. Anil Kumar S. Scientist (Soil Science) discussed about Method of soil and water sampling Dr. Asha K. M., Scientist (Horticulture) presided over the function. Around 40 farmers participated in the program.



### **Organized one day workshop on scientific fodder production in Dairy farming under SCSP program.**

ICAR - KVK Kolar in association with IGFRI Regional center, Dharwad and Dhan foundation organized one day Workshop on Scientific fodder production under SCSP program on 11.12.2023. Dr. Shivanand V Hongal, Senior Scientist and Head,

ICAR-KVK, Kolar presided over the function. Dr. B.G. Shivakumar, Principal scientist IGFRI, Dharwad discussed about fodder production techniques in dairy farming and Smt. Swathi G.R SMS (Agromet) explained about the impact of climate change on agriculture. Dhan foundation representative Shri Ramesh and Shri Shankarayya were participated. Around 50 SC farmers from all the talukas of kolar district benefitted from the workshop.



### **Farmer - Scientist Interaction On "bivoltine Silkworm Management During Winter Season"**

KVK Kolar organised Farmer - Scientist Interaction on "Bivoltine Silkworm Management during Winter Season" in collaboration with Dept of Sericulture, ZP, Kolar & ATMA, KSDA, Kolar on 12.12.2023 at KVK, Kolar. Shri. S.N. Srinivas, Deputy Director of Sericulture, ZP, Kolar inaugurated the programme and enlightened the precautionary measures to be taken on bivoltine cocoon production during winter season. During technical session Dr. Manjunathreddy, T.B., Scientist (Plant Protection), Dr. Shashidhar, K. R., Scientist (Sericulture) from KVK Kolar, Dr. V. P. Bharathi, Asst Prof, College of Sericulture,



Chintamani & Dr. Narendrakumar, Scientist "D" CSB, Madivala explained about Safe use of Pesticide in Sericulture, Key Pests of mulberry and their management, Productive bivoltine hybrids, Rearing environment & mounting management practices, Management of white muscardine disease of silkworm during winter, Harvesting of quality bivoltine Cocoons etc . Around 70 sericulture farmers & 10 extension functionaries participated in the programme.



## KVK Kollam

### **Nurturing growing buds- On The Job Programme for the Vocational Higher Secondary School students**

Vocational education is an educational system that seeks to prepare students for specified occupations. Being part of the National Policy on Education, the Vocational higher secondary course was conceived with the noble idea of securing a job along with education. Vocational higher secondary education in Kerala is targeted for students who have SSLC or equivalent qualification. The student has the freedom to choose a vocational course of his/her choice along with +2 equivalent optional subjects in four groups - Group I (Engineering), Group II (Agriculture, Allied Health Care, Animal Husbandry, Fisheries & Home Science), Group III (Humanities) and Group IV (Business and Commerce). On the Job Training (OJT) is an integral part of the VHS curriculum which helps students learn and understand the practical intricacies and make them well-equipped, confident and inspired so they can easily take on any job. VHSE ensures compulsory OJT for 6 days during their study (2<sup>nd</sup> year). OJT strengthen the students vocational skills and competencies.

KVK Kollam organized 4 OJT programmes on 2 different job roles of 6 days each. The job roles were Organic grower (2 nos) and Floriculturist- open cultivation (2 nos). A total of 113 students were trained in these programme. Under Floriculturist- open cultivation the students were given theory and hands on training on budding and grafting, potting mixtures, potting and repotting, floral arrangements and special horticultural practices for floriculture crops. Under Organic grower the students were trained in composting techniques, organic cultural practices, organic certification- procedure and methods and post harvest measures. The programme helped the students to consolidate their learning.





## KVK Koppal

### Field Day on Demonstration of Drum Seeder in Wet Land Condition

ICAR-KVK, Koppal organized **field day on Demonstration of drum seeder in wet land condition** on 01-12-2023 at Hanwal village. Dr. Kavitha Ullikashi, Scientist (Home Science) ICAR, KVK, Koppal in her opening remarks, explained the importance of conducting field days of new varieties and technologies which helps in spreading the useful technologies to the farmers. Shri. G. Narappa, Senior Technical officer (Farm Management) ICAR, KVK, Koppal informed that, by using drum seeder for paddy sowing, it saves labour required for transplanting, there is no need of management of nursery as in case of transplanting rice, requires only 8-10 kg paddy seeds in this method and farmers can save up to 5 to 6 thousand per acre. Shri, Ashok, Assistant Agriculture Officer, RSK, Marali had explained about the importance of timely usages of recommended pre emergent and post emergent weedicides in drum seeded rice, as it effectively controls the weeds at early stage of the crop. Sri. Veereshappa, FLD farmer shared his experience about the performance of drum seeded rice compared to transplanted rice, as it reduces the cost of cultivation and less labour requirement for the drum seeded rice. J. Radha, Scientist (SST), ICAR-KVK, Koppal had given vote of thanks. More than 50 farmers were participated in the programme.





## World Soil Day

ICAR-KVK, Koppal organized **World soil day -2023** on 05-12-2023 at ICAR- KVK Training Hall, Gangavathi. Kavitha Ullikashi, Scientist (Home Science), ICAR, KVK, had given welcome speech. Programme was inaugurated by the guests by lighting the lamp. Dr. Raghavendra Yaligar, Senior Scientist and Head in his opening remarks informed that world soil day is being celebrated since 2014 in every year on 5th December with different taglines, this year tag line is "Soil and water: a source of life ,, there is need to incorporate organic matter in to the soil to increase the organic carbon content and also explained the importance of conserving the soil. Sri. Channappa Malagi, president of Taluk Krishik Samaj, Gangavathi in his speech told that, farmers have to use the chemical fertilizers judiciously after testing their soil which keeps soil in good condition and soil fertility can be increased by adding Farm yard manure, vermicompost incorporating crop residues and green manure crops to the soil and by adopting crop rotation and insisted that, it is every ones responsibility to transfer the healthy soil to the next generation. Sri. T. S. Rudreshapa, Joint Director of Agriculture, Koppal district, informed about Soil health campaign, Soil health card distribution and other programmes conducted by the Department of Agriculture also informed farmers, instead of burning paddy straw after harvest in the paddy field, it can be preserved which can be utilised as a fodder for cattle's and farmers have to grow alternate to paddy crops during summer season as there is no supply of canal water for second season crop. Dr. J. Vishwanath, Special Officer(seeds), CoA, Gangavathi in his presidential

speech addressed that, farmer is the back bone of country and soil is the back bone of farmer, hence Soilday celebration should not be restricted for one day, we have to give concentration for conserving the soil for the sake of all the living creatures in the world including micro organisms present in the soil. Dr.Jyothi R, Scientist( SST), ICAR-KVK, Koppal had given vote of thanks. J. Radha, Scientist (SST), Dr. Fakeerappa A, SMS( Agro Met), ICAR-KVK, Koppal, Santosh pattadakal ADA, Gangavathi, Kiran, AHO, Gangavathi, D.K. Mahesh, Deputy Manager, MCF, Koppal were present in the programme . More than 90 farmers/farm women were participated in the programme



## Field day of Nutrient Rich Ridge Gourd Variety Arka Prasan

Nutrient rich ridge gourd variety demonstration was carried out in 5 different farmers field at Menedala and Tavaragera villages. Farmers were explained about the ridge gourd variety during the time of distribution Arka prasan seeds. Pole supporting system of growing was instructed to the farmers for getting the higher benefit in the yield. The plants were tied to the strings supported by the poles after 25 days of sowing. Installation of pheromone traps were demonstrated at 35-40 days after sowing. Total three sprays of vegetable special micronutrient mixture were taken up from 45 days after sowing. On 08.12.2023 field day of Arka prasan demonstration was conducted at Menadala village. 32 farmers were participated in the field day and gathered the knowledge about the new ridge gourd variety Arka Prasan, use of pheromone traps and micronutrient application for better yield.





### Vikasith Bharath Sankalpa Yatra Programme at Bandi Harlapur Village.

ICAR-KVK, Koppal participated in Vikasith Bharath Sankalpa Yatra Programme on 9.12.2023 at Bandi Harlapur Village in the eve of live programme of Honorable Prime Minister interaction with VBSY/KVKs to ICAR.

Dr. Raghavendra Yaligar, Senior Scientist and Head, ICAR-KVK, Koppal participated in the programme and addressed the farmers and explained the activities of KVK's, information about ASCI trainings, Vericompost preparation, Apiculture, benefits of Integrated farming system, usage of Drone in agriculture etc., to the farmers. In this programme, Smt. Manjula Karadi, BJP leader of Koppal District, President and members of Gram Panchayath, Bandi Harlapur Village, Manager of Syndicate Bank, Bandi Harlapur village, staff of post office, Staff of Anganavadi, Asha workers and more than 150 farmers/farm women were participated in the programme.



### Millet Cooking Competition in Gangavathi Taluk Koppal District

As 2023 year is celebrated as international year of millets, ICAR-KVK, Koppal organised millet cooking competition for rural farm women in Gangavathi taluk, Koppal district. Kavitha Ullikashi, Scientist ( Home Science), ICAR, KVK, had given welcome speech. Dr. Raghavendra Yaligar, Senior Scientist and Head in his opening remarks informed that millets are drought tolerant crops suitable for organic farming and can be grown in climate change situation, hence farmers & farm women have to give importance for processing and value addition to get higher income and there is need to increase the production and consumption of millets to get the nutritional benefits. Dr. Kavitha Y Ullikashi Scientist (Home Science) explained the nutritional importance, processing and value addition of millets. Dr. Jyothi R, Scientist (Home Science), J. Radha, Scientist (Seed Science & Technology) and G. Narappa, Senior Technical Officer (Farm Management) participated as a judge and evaluated the millet recipies. Smt. Radha Rama babu, Hosa kera camp, secured first prize, Smt. Geethashree Veeresh, Chikkajanthakal village secured second prize, Smt Savitha Mallikarjuna, Yaradona village secured third prize and Smt. Veeramma Pampapathi & Pavitra Shivakumar both secured consolation prizes. More than 45 recipies were prepared using different types of millets in the competition.



## KVK Lakshadweep

### KVK over again supports UT Administration of Lakshadweep to renew the Organic Status

KVK-Lakshadweep supported UT administration of Lakshadweep as being the Regional Council for Organic farming to declare the organic status of the island during 2021-22. The KVK has been requested by the UT Administration of Lakshadweep during 2023 to resurvey the large defaulted traditional areas, conduct soil testing in this organic areas, organize peer inspection and peer appraisal to verify the authenticity of organic farmers. To review the status the data from farmers were collected along with testing of 89 soil samples. With this effort 7591 active farmers will be provided with the organic status across the 10 islands of Lakshadweep. The KVK took an active part in coordinating the activity along with the budget provided for this purpose as service charges. It was found that all the registered farmers of Lakshadweep under the Large Area Certification on PGS portal are still adopting only organic farming practices in their farm land. Farmers have been dependent on organic inputs for crop production and fully rely on organic or biological method for plant protection. A certificate has been issued to the concerned authorities by KVK after performing the resurvey of large default traditional area by Lead Resource persons. This activity has been performed since October to December, 2023. The Department of Agriculture has been closely associated with KVK in this activity. Dr. P. N. Ananth, Head, KVK, Dr. Abdul Gafoor, V. M. coordinated this activity along with Mrs. Marjan, P.S from the Department of Agriculture who took the lead to accomplish. This is considered as an exemplary practice of convergence followed by KVK working in tandem with the UT administration of Lakshadweep towards supporting the organic status to be live.



## KVK Malappuram

### Soil Day Celebration

On December 5, 2023, Krishi Vigyan Kendra (KVK) Malappuram marked Soil Day with a training session focused on soil test-based nutrient management and the distribution of soil health cards. A pivotal component of the celebration was a comprehensive training session conducted for 40 farmers. The focus was on soil test-based nutrient management, providing participants with practical knowledge on optimizing fertilizer usage tailored to their specific soil conditions. Experts elucidated the importance of conducting soil tests, interpreting results, and implementing precise nutrient applications to enhance crop yield and quality. To ensure active participation and understanding, interactive sessions were interspersed throughout the training. Farmers had the opportunity to engage with experts, seeking clarification on specific queries



related to soil health, testing procedures, and nutrient management strategies. The session was handled by Smt. Sruthy K T (SMS Agronomy). The event contributed to the ongoing mission of promoting sustainable and science-based agricultural practices in the region.



### **Training to Farmers on Scientific Principles of Rice Cultivation**

The training session conducted on December 12, 2023 at KVK Malappuram aimed to educate farmers on scientific rice cultivation practices, with a focus on enhancing crop yield, sustainability, and overall agricultural productivity. Dr. P S John, a renowned expert in the field, led the session by providing an overview of the importance of adopting scientific methods in rice cultivation. He emphasized the need for sustainable practices to meet the growing demand for rice globally. The participants were educated on the importance of selecting appropriate rice varieties based on soil type, climate, and water availability. Detailed insights were also provided on

soil and water management, pest and disease control. The training concluded with an interactive question-and-answer session, where farmers had the opportunity to seek clarification on specific issues related to rice cultivation. The training session proved to be highly informative and beneficial for the participating farmers. Dr. P S John's expertise and engaging teaching style facilitated a comprehensive understanding of scientific rice cultivation practices, empowering farmers to implement sustainable and efficient methods in their fields.



### **DPR clinic of BLAKC Malappuram**

DPR (Detailed project report) clinic was organized by the BLAKC (Block level agricultural knowledge centre) of Malappuram block - a collaborative venture of the Block panchayath, Department of Agriculture and KVK, on the 14th December 2023 at Malappuram. The clinic intended to discuss and rectify various development project reports submitted by the entrepreneurs from different parts of the district. Eight preliminary project reports were presented by the concerned entrepreneurs for discussion with the experts for development of the detailed project report for ensuring technical, social and environmental feasibility and economic viability including bankability, and fulfilment with respect to other financial indicators. Besides the entrepreneurs, the DPR clinic was attended by officials from Agri department and ATMA, District industrial office, banks, Agri business incubation centre, experts facilitating DPR preparation, internees from different departments and Nodal officer of BLAKC from KVK,



Dr C. Ibraheem Kutty, SMS (Animal Science). The clinic was inaugurated by the block Panchayath President in a brief inaugural session presided by Deputy Director E & T of Agri Department.



sessions were meticulously designed to cover diverse modules aimed at providing a comprehensive understanding of nursery management principles and practices. Commencing with the foundational aspects, the initial sessions centered on the essentials of nursery establishment. Participants were introduced to site selection methodologies, intricacies of soil mixtures, and the optimal layout planning required for a successful nursery setup. Dr. Akhilraj (SMS Horticulture), an esteemed authority in horticulture, led the training sessions, infusing the program with a wealth of knowledge and practical insights. His classes revolved around the multifaceted aspects of nursery establishment, maintenance, and modern advancements in the field. Subsequently, the training delved into the vital domain of nursery maintenance. Topics ranged from irrigation techniques and nutrient management to disease and pest control strategies. Participants actively engaged in practical sessions, honing their skills in maintaining and nurturing healthy nursery environments. The training culminated in an atmosphere of knowledge sharing and collaborative learning, with participants expressing their gratitude for the comprehensive insights gained during the program.



### **Eight-Day Nursery Management Training at KVK Malappuram Empowers Agricultural Enthusiasts**

Krishi Vigyan Kendra (KVK) Malappuram hosted an intensive eight-day training program under the aegis of the ICAR-ARYA Nursery Management project. The initiative, attracted participants from varied agricultural backgrounds seeking to enhance their proficiency in nurturing and maintaining nurseries. The training, structured to cover an array of critical aspects of nursery management, witnessed enthusiastic participation from agriculturists, horticulturists, agri-entrepreneurs, and students eager to delve into the nuances of establishing and managing nurseries effectively. Over the course of eight days, the



### World Soil Day

ICAR- Krishi Vigyan Kendra, V.C.Farm Mandya organized 'World Soil Day' on 05.12.2023 at KVK, Mandya with the theme **“Soil and water- A source of life”**. The programme was inaugurated by Mr. Keshavamoorthy, Director, All India Radio, Mysore and emphasized for soil health management as soil is believed to be sacred for people of India and its management is very important. The program was presided by Dr. V.L. Madhuprasad, Director of Extension, UAS, Bangalore. During his presidential remarks he appealed farmers to conserve soil and water which are the natural non-renewable resources required for mankind until end hence, need to be conserved and utilized judiciously. Dr. Atheefa Munawery, Scientist (Soil Science) as per the theme explained why the soil and water are considered to be source of life, information on importance of soil health, soil organic carbon and methodologies to improve the soil organic carbon status with which farmers can attain better productivity was provided. Dr. Naresh, N. T. Senior Scientist and Head, urged farmers to maintain soil health and adopt integrated crop management approach for sustainability in agriculture. Dr. Kamalabai Koodagi, Scientist (Home Science) highlighted the need of maintaining soil health for obtaining nutritious food grains, vegetables and fruits so that the increasing condition of anemia can be reduced. On this occasion progressive farmer Shri. Basavaraju, J. B, Jayapura village recited a poem emphasizing the importance of soil which was written by him. Dr. Mahesh, H. M, Senior Technical Officer, Dr. D.K. Suresh, Scientist (Agril. Extension), Dr. Rekha Badalingappanavar, Scientist (Agronomy) and other staff KVK, Mandya were present during the programme.



## KVK JSS Mysore

### Kitchen Garden Training Programme For Anganwadi Workers at JSS KVK Suttur

ICAR JSS Krushi Vignyana Kendra Suttur collaboration with Jubliant Barthiya Foundation Nanjunagud organised training programme on Nutri garden for Anganwadi workers. In the programme Divya HV delivered lecture on Importance of Nutri garden and materials required for nutri garden. Rajanna J G delivered lecture on nutrition management in Nutrigarden, Dr Vinay G M delivered lecture on Micro greens and Dr Prasad delivered lecture on Pest and disease management in Nutrigarden. In the programme Shivakumar ACDPO of Women's and Children department Nanjunagud, Head master of Geekalli village School Chinnaswamy, Jubliant Barthiya Foundation CSR manager Deepak, Adarsh, assistant manager CSR Jubliant Barthiya Foundation, more than 35 anganwadi workers from different villages participated and got benefitted from the programme





### Visit of Dignitary to ICAR JSS KVK Suttur

Dr. Adinarayana, Professor and Head (President, AFITA) IIT, Mumbai, Centre of statistics in Resource Engineering has visited ICAR JSS KVK Suttur on 12 December 2023. Dr. Adinarayana has visited all demo units in KVK, IFS model unit, Goshala, vibhuthi unit, vermi compost unit, food processing unit, nursery unit, agri clinic centre, kitchen garden unit, drogon and butter fruit block etc., and expressed that integration of crops and animals with allied agriculture activities for small and marginal farmers helps not only getting income also increase soil fertility and total productivity and addressed the training of pashu sakhi trainees in the training hall.



### Participation of KVK scientist in Multi stakeholder meeting

ICAR JSS KVK Scientist Shri Shamaraj participated as resource person in Annual multi stakeholder meeting organized by ITC-Myrad at Malkundi village Nanjangud on 2<sup>nd</sup> December 2023. KVK Scientist addressed the meeting, involvement of KVK technical support for formulating critical intervention in crops and agriculture enterprises during their annual action plan preparation. KVK scientists are participating in training and demonstration to extension workers and farmers of Mykaps.



### World Soil Health day

ICAR JSS Krishi Vigyan Kendra Suttur in collaboration with IAT Mysuru Chapter and Coramandel International limited jointly organized world soil health day at Harathale village Nanjangud taluk Mysuru district. KVK soil scientist explained about importance of soil health day and plant nutrition



management in agriculture. Chief guest Mr. Sangrama Singh (Retired IGP) and also progress farmer of the village address the gathering. Dr. Rajagopal professor and Head (retired), Entomology UAS Bengaluru has explained pest and disease management in natural farming. Nearly 120 farmers participated in the program and also distributed soil health card to cluster village farmers.



### KVK Millionaire and Billionaire farmer

ICAR JSS Krishi Vigyan Kendra Suttur has identified millionaire farmer Shri. Naveen, Abhaya Naturals Hunsur Mysuru district and billionaire farmer Shri Jayashankar, yediyala village, Nanjangud taluk Mysuru district. These farmers have been selected for MFOI award 2023 and received millionaire and billionaire farmer ward during “millionaire farmers of India” at prestigious MFOI award 2023 function organized at New Delhi 7-8<sup>th</sup> December 2023.



### Field Day on Lamb Milk Replacer Technology

Lamb milk replacer for enhancing weight gain of weaned lamb technology front line demonstration was conducted at Dhanakayanpura Village, T Narasipura Taluk, Mysuru. To popularize the results and create mass awareness on the technology field day was organized at Sheep farm of Mr. Kemparaju, Progressive Bandur Sheep farmer, Dhanayakanpura. Farmer mentioned that he had fed milk replacer for around 12 weeks and achieved average weight gain of 2.5 Kg to 3 Kg compared to check flock. Additionally, farmers indicated about improved health, immunity, feed consumption and active status of the lambs. During the program Dr. Sharanbasava, Assistant Director, Dept. AHVS, Nanjangud also instructed the farmers to adopt the technology for better health of lambs. More than 60 farmers, Pashu Sakhis and others participated in the program.



### Millet Recipe Contest at Attappady Block

Krishi Vigyan Kendra Palakkad conducted a Millet Recipe contest in three panchayats of Attappady block viz., Agali, Pudur, and Sholayur. The programme was a resounding success, drawing the participation of more than 40 enthusiastic individuals. The event was conducted at Agricultural training and Extension Centre of KVK Palakkad located at Agali. The event showcased a diverse array of traditional recipes, highlighting the rich culinary heritage of the region. Attended by members from each of the three panchayats, the program aimed to promote the use of millets in everyday cooking and raise awareness about their nutritional benefits. The judging committee, consisting of a member from Krishi Vigyan Kendra (KVK), a representative from the local self-government department, a social worker, a school teacher and an Integrated Child Development Services (ICDS) supervisor, meticulously evaluated the entries. The five best contestants from each panchayat were honoured with prizes and certificates, officially declaring them as Millet Knowledge Ambassadors. This initiative not only celebrated the local culinary traditions but also empowered individuals to advocate for the inclusion of millets in their communities.

– **Dr. Lakshmy P.S**  
Assistant Professor, KVK, Palakkad



### On Job Training for VHSE students

KVK Palakkad conducted 6 days On Job Training on Protected cultivation – Floriculturist, gardener as well as organic grower for 71 Second year VHSE students. Various sessions included introduction to protected structures and their components, sterilization of growing media, various manure production, irrigation and fertigation, equipment for environmental parameter monitoring as well as special horticulture practices in rose, gerbera, carnation and liliun for floriculture students. The students were given hands on experience on cultivation aspects of these export-oriented crops as well as its after care measures. Practical sessions on portray seedling production, mulching sheet and drip installation, fertigation and botanical preparation was also conducted. An expert interaction session on Vase life enhancement of Flower crops was also conducted for these students.

–**Dr. Resmi J**  
Assistant Professor, KVK, Palakkad





### Soil Day Celebration

On December 5, 2023, a momentous celebration of Soil Day took place, orchestrated by the Krishi Vigyan Kendra (KVK) Palakkad in collaboration with the Regional Agricultural Research Station (RARS) Pattambi. The event drew widespread participation, with over 10 schools enthusiastically engaging in a quiz competition tailored to raise awareness among students about the critical importance of soil. The venue was adorned with an enlightening exhibition and served as the backdrop for a seminar focused on farmers' education in the realms of soil and water conservation, as well as soil testing and nutrient management. Interactive exhibits showcased innovative solutions for healthy soils, captivating the audience with their practical demonstrations. The seminar aimed to empower local farmers with knowledge and tools to enhance the productivity and sustainability of their agricultural practices. By engaging both future farmers and experienced hands, KVK Palakkad ensured that the message of soil stewardship resonated across generations, leaving a lasting impact on the minds of all who participated.

– Dr. Sumiya K.V

Program Cordinator, KVK, Palakkad



### KVK Pathanamthitta

#### FFS on Integrated Crop Management in paddy

Farmer Field School (FFS) on Integrated Crop Management (ICM) in paddy is been conducted at Naraganam Panchayat in Elanthoor Block of Pathanamthitta district. Punnon Padashekaram covering 10 ha area is selected for implementing FFS. The programme commenced with orientation about FFS followed by sessions on importance of soil test based farming, the importance of green manure crop in paddy for maintaining soil health, Seed borne diseases in paddy and their prevention by means of seed treatment, Integrated Pest Management (IPM) and Trichocard application. Paddy field surveillance of pest, beneficial insects and neutral insect's identification and count are taken after each training with farmer's participation. The FFS has 12 participants.



## World Soil Day

ICAR-KVK, Pathanamthitta celebrated world soil day 2023 as part of Viksit Bharat Sankalp Yathra at Pallickal Panchayat in Parakode block of Pathanamthitta district. The theme of World Soil Day 2023 was 'Soil and Water: A source of life'. The programme was inaugurated by Smt. Susheela Kunjamma, President, Pallickal Grama Panchayat. She emphasized that it is essential to raise awareness about the importance and relationship between soil and water in achieving sustainable and resilient agri-food system. Awareness programme on the topic 'Soil Health Card Scheme and its significance' was organized for the benefit of farmers and the session was led by Dr. Vinod Mathew, SMS(Agronomy). During the session he highlighted that it is very essential to implement soil test based fertilizer application for improving the soil fertility as well as to reduce cost of production. As part of the programme an exhibition of different soil types of Kerala and available Fertilizers was also arranged for creating awareness among the farming community.



Anganawadi teachers of Sirwar taluk were participated in the event; more than 60 types of dishes were exhibited in the competition.

Dr. S. N. Bhat, Senior Scientist and Head, KVK, Raichur, Dr. Hemalatha, K.J., Scientist (Horticulture), KVK, Raichur & Mrs. Nagamma, Anganavadi Teacher, Jakkaladinni. were present in the programme organizer of the event Er. Veena, T. Scientist (Processing Food & Engineer), KVK, Raichur moderated the programme.



## KVK Raichur

### Millet Food Recipe Competition

On eve of international year of millet-2023 ICAR-Krishi Vigyan Kendra, Raichur organized millet recipe contest in Jakkaladinni village, Sirwar taluk on 2nd December 2023. The programme was inaugurated by Mr. Sharannappa Gouda, President of Gram Panchayath, he suggested to participants to spread awareness about millets and its use in daily life.

## KVK Ramanagara

### Agricultural Education Day

ICAR-Krishi Vigyan Kendra Ramanagara celebrated "Agriculture Education Day" at Government higher primary school, Kalya, Magadi (T). Dr. Sowjanya, S., Scientist (Agril. Extension), highlighted the significance of celebrating Agricultural Education Day to commemorate the birth anniversary of first



President of Independent India and Union Minister of Agriculture, Bharat Ratna, Dr. Rajendra Prasad and importance of the agriculture and agricultural education in creating a huge impact on next coming generations. Mr. Hanumanthiah, Head master said that today's children are tomorrow's citizens so they should build their interest towards agriculture from now only and students can get more information about recent technologies by visiting Krishi Vigyan Kendra. On this special occasion elocution competition to students on "My Hero - Farmer" was organised and the best performed students were honoured. All teachers and students participated in this programme and were benefited.



### Women in Agriculture Day

ICAR-Krishi Vigyan Kendra Ramanagara celebrated "Women in Agriculture Day" at adopted village Hakkinalu, Magadi (T). Dr. Sowjanya, S., Scientist (Agril. Extension), highlighted the significance of the celebrating Women in Agriculture Day and gave elaborative deliberation on importance of women in

agriculture, also said that more than 80% of the women in the village are engaged in agriculture, but they can earn more income by adopting scientific agriculture methods. In addition, farm women should take care of their own and family's health and cleanliness. Horticulture scientist Dr. Deepa Pujar explained about scientific farming system and explained in detail about the achievements of women farmers in reducing drudgery in agriculture. In order to increase the enthusiasm of the farm women, a Rangoli competition was organized and prizes were distributed to the farm women for the best rangoli.



## KVK Shivamogga

### World Soil Day 2023 - "Soil and Water: The Source of Life"

ICAR KVK, Shivamogga celebrated the "World Soil Day 2023" program on December 5th, 2023. The program was presided over by Honourable Vice Chancellor of Keladi Shivappa Nayaka University of Agriculture and Horticulture Sciences, Dr. R. C. Jagadeesha. Hon'ble VC addressed the gathering on soil diversity, soil fertility, need for soil testing, importance of organic fertilizers and ways to improve organic carbon in the soil. Dr. G.K. Girijesh, Senior Scientist and Head, ICAR KVK, Shivamogga explained the reason behind the celebration of World soil day on birthday of the king of Thailand, Dr. H. M. Bhumibol Adulyadej, whose efforts in maintaining/protection of soil health/quality is



remarkable. Dr. B. Hemlanaik, Director of Education, addressed the crowd on the importance of soil and water conservation. Resource person for this program Dr. T.S. Channesh, Director, Center for Public Understanding of Science, Bangalore addressed the participants on soil evolution, importance of soil fertility and he warned that the burden of urbanization on the soil and its negative consequences. As part of Soil Day, quiz and essay competitions were organized for the students, and soil health cards were distributed to the farmers in the program. A total of 150 farmers, farmer women and students participated in the program. Dr. B.C. Hanumanthaswamy, Associate Director of Extension, Dr. B.C. Dhananjaya, Professor and Head, Department of Soil Science and Dr. Anjali M. C., Scientist & organizer of the program were present.



## KVK Thrissur

### Empowering Farmers Through Agricultural Study Tours

In an effort to empower local farmers and enhance their agricultural knowledge, the office of the Deputy Director of Agriculture & Farmers Welfare, Mahe collaborated with KVK Thrissur in organising a two-day study tour (11/12/23 to 12/12/23) under the Agricultural Technology Management Agency (ATMA). This initiative aimed to provide practical insights and hands-on experiences to a group of 25

farmers, fostering a deeper understanding of the new technologies in agriculture. The study tour featured engaging sessions led by scientists from the Krishi Vigyan Kendra (KVK) Thrissur. The scientists delivered lectures that shed light on the ongoing activities of KVK Thrissur, covering a spectrum of topics crucial to modern farming practices. These included innovative techniques, sustainable approaches, and advancements in agricultural technology.

A significant highlight of the tour was the visit to demonstration plots, where farmers had the opportunity to witness real-world applications of various agricultural methods. This hands-on experience allowed them to grasp the practical implications of the knowledge shared during the lectures. Horticultural expert of KVK provided valuable insights into vegetable cultivation. Farmers received guidance on best practices, optimizing crop yield, and addressing challenges specific to horticultural activities. Following session specializing in value addition, imparted knowledge on enhancing the economic value of agricultural produce through processing and other value-added techniques. A pivotal aspect of the study tour was the KVK farm visit. This provided farmers with a firsthand look at successful agricultural operations, offering inspiration and practical wisdom from an experienced professional. Such interactions play a crucial role in bridging the gap between theoretical knowledge and its practical implementation in the field. The tour also included a field visit to a high-tech agriculture unit, where farmers gained exposure to cutting-edge technologies and advanced agricultural practices. This exposure to modern techniques equips them with the knowledge to adopt sustainable and efficient farming methods in their own practices.

Additionally, the visit to the Department of Floriculture at CoA Vellanikkara opened new horizons for the farmers. Insights into the latest research and developments in floriculture contributed to their understanding of diverse crops and potential avenues for growth. Overall, the study tour served as a holistic educational experience, enriching the farmers'



understanding of contemporary agricultural practices. By combining theoretical knowledge with practical exposure, this initiative aimed to empower participants to implement sustainable and innovative approaches in their farming endeavours. Such initiatives do play a pivotal role in building a resilient and informed agricultural community, laying the foundation for a thriving and sustainable agricultural sector in Mahe.



### Farmer's Field School Impact on Paddy Variety Jyothi

In the realm of sustainable agriculture, the Farmer's Field School (FFS) approach has proven to be an invaluable tool for educating and empowering farmers. One such story unfolds in the paddy fields, where the cultivation of the Jyothi variety takes center stage. In a recent initiative, a group of 15 farmers in Varyampadavu paadasekharam, Arimbure Panchayat underwent a transformative experience through FFS. The FFS sessions provided farmers with insights into the specific nutrient requirements of Jyothi,

considering factors such as soil composition and climatic conditions. By understanding the nuances of fertilizer management, farmers were equipped to make informed decisions on when, where, and how to apply fertilizers, thereby maximizing crop productivity. Through FFS, farmers received practical training on the judicious application of weedicides. The sessions covered the types of weedicides suitable for the Jyothi variety and demonstrated proper application techniques, ensuring effective weed control while minimizing environmental impact.

FFS took a proactive approach by building the capacity of participants to recognize and manage weeds that could threaten the health of the Jyothi paddy variety. Practical exercises and field demonstrations enabled farmers to distinguish between beneficial and harmful weeds, empowering them to take targeted actions to protect their crops. As these 15 farmers return to their respective paadasekharams, they carry not only newfound expertise but also the ability to share and disseminate this knowledge to others in their community, amplifying the positive impact of the FFS initiative. From precise fertilizer management to effective weedicide application and the crucial skill of weed identification, the FFS approach has equipped these farmers with the tools they need for sustainable and productive paddy cultivation



### Vermicomposting units established in Kuttichal village of Thiruvananthapuram district as part of Swachhta Action Plan

The need for genuine initiatives in the rural waste management has been a major concern in India. Swachhta Action Plan (SAP) is a unique initiative in the history of sanitation. With the emerging problem on large quantity of the waste produced both in the form of solid and liquid waste, the concept of waste management becomes one of the key focus of sustainable development. Dumping biodegradable waste has created various environmental and health related issues across the world.

Waste is an unavoidable by-product of every household. Improper waste management has a very strong impact on the environment which in turn influences human health. Vermicomposting is a sustainable technology which is used for efficient management of biodegradable wastes (organics) by converting them into nutrient rich bio fertilizer. Vermicomposting involves the stabilization of organic solid waste through earthworm consumption which converts the material into worm castings. It is a nutritive plant food rich in NPK, macro & micronutrients, beneficial soil microbes and are excellent growth promoters. The vermicomposting in villages plays a vital role in proper waste management which is a severe threat to the public health concern and cleanliness.

A unique feature of Swachhta Action Plan in Kuttichal is that vermicomposting Units were constructed to provide organic fertilizer and thereby promote organic cultivation at the doorstep of the farmers. The agricultural farm waste, mushroom waste, cow dung, Poultry waste and other biodegradable waste dumped near the houses which created bad odour and less space, which was a major concern for the farmers. One of the major constraints is lack of awareness and proper knowledge on vermicomposting and the use of

vermicompost in sustainable agriculture. KVK plays a very important role in updating knowledge and advisories through trainings and regular field visits to the farmers for the betterment of society by providing a clean and healthy environment. The project started by selecting five households. Commonly observed difficulties faced by the beneficiaries are discussed regularly on a routine basis.

As part of Swachhta Action Plan, ICAR KVK Mitraniketan implemented various activities related to clean environment with the financial support from ATARI Zone XI. The two pits are to be used one by one in a cyclic manner. The size of the cement tank constructed in rural households was (10ftx5ftx2ft). When the second pit is full, the vermicompost in the first one is ready for harvesting. Five such vermicomposting units were constructed at Kuttichal village of Thiruvananthapuram District under Swachhta Action Plan. Connected a small pipe connection at the bottom of the vermi tank at an appropriate place for the collection of thick brown colour liquid known as vermiwash. Earthworms (*Eudrillus eugenia*) suitable for vermicomposting were supplied to each household for efficient decomposition of waste. Two wire mesh were also fixed to protect the vermicompost tank by preventing the entry of rats and birds. Four steel poles and tarpaulin sheets were installed to five beneficiaries in order to protect the compost unit from rain and sunlight. A channel was also constructed to protect the tank from ants. A permanent solution was made by putting aluminium roofing sheet for protection from sunlight and heavy rain.





## KVK Tumkur I

### World Soil Day

ICAR Krishi Vigyan Kendra Tumkur-I organised World Soil Day in association with Zuari Agrochemicals Ltd, IFFCO LTD and department of Agriculture on December 5th with the theme of “Soil and Water: A Source of Life.” Dr. V. Govinda Gowda, Senior Scientist & Head, KVK, Tiptur inaugurated the programme and addressed the farmers that Climate-smart agriculture and forestry and maintaining healthy soil and water through sustainable practices are key to supporting the increase of agricultural production to meet global food demand, Mr Chidambar Murthy, IFFCO ltd delivered the guest lecture on importance and application of nano urea for yield enhancement. Mr. Kiran, Zuari Agro chemicals ltd briefed about recent Zuari micro nutrient and other products launched during the year 2023-24. Mrs Rekha, FLC, Tiptur explain the history and significance of world soil day celebration. During this programme 20 soil health cards were distributed to the farmers and totally 80 farmers were participated and benefited from this special awareness programme.



## KVK Tumakuru II

### Capacity Development Programme on Castor Hybrid Seed Production

Due to Increased Climatic aberration in recent times, the Castor crop could be one of the important crops for such an environment. Hence looking at the Tumakuru situation, on campus capacity development program on Castor cultivation and hybrid seed production to the input dealers was organized by the ICAR Krishi Vigyan Kendra (IIHR) in collaboration with All India coordinated crop improvement Scheme on the Castor crop of UAS, Bengaluru on 15/12/2023. Dr. Yamanura, Head and Breeder of the center gave a lecture on various aspects of Castor production including integrated crop management for the effective control of various diseases and pests. Dr. Somashekhar, SMS Plant Breeding, KVK, Hirehalli explained on hybrid seed production activities in the castor. Later a field visit was arranged to practically show the seed production. The event was coordinated by Mr. Ranganath, Technical officer, GKVK, Bengaluru. In this event, 40 members of input dealers attended the program.





## KVK Udupi

### Viksit Bharat Sankalp Yatra

Viksit Bharat Sankalp Yatra was celebrated on 09-12-2023 at Thonse village of Udupi district. Union Minister of State for Agriculture and Farmer Welfare and State Minister for Food Processing Industries, Ms. Shobha Karandlaje, inaugurated the program at Thonse village. Shree Kota Srinivasa Poojary, former minister and MLC, GoK; Shree Yashpal Suvarna, MLA Udupi, Shree Gurme Suresh Shetty, MLA Kapu, Smt. Sheela Sajan, Regional Manager, Canara Bank, Shri Yashwant, Deputy Director DD (News), Dr. Dhanan, Smt. Kusuma, Grama Panchayat president Thonse, Shree Arun, GP Vice President were present. Viksit Bharat Sankalp pledge was taken. Approval letters and benefits to the beneficiaries were distributed. The live programme of interaction with beneficiaries by the Hon'ble Prime Minister Shri Narendra Modi was viewed by the guests along with the public. Demonstration of drone spray of pesticide

and micro nutrients was arranged. Health checkup camps and spot registration for ABHA card were arranged.



## KVK Uttara Kannada

### District Level Millet Recipe Contest

On 13th December, 2023, ICAR-KVK Uttara Kannada Sirsi in collaboration with Karnataka State Department of Agriculture Karwar organized district level Millet recipe contest on the eve of "Millets and Organics 2024 : International Trade Fair". Main aim of the programme was to create awareness about health benefits of millets. The programme was inaugurated by Shri. Honnappa Gouda, JDA, Karwar. He mentioned that once millets were referred as minor cereals and consumed by poor, now its rich man's grain due to health benefits. Based on its nutritional content, name has been changed as nutri cereals. Chief guest Shri. Vishweshwar Bhat, Advisor, Kadamba Marketing Sirsi explained the market opportunities for value added products from millets. He stressed on quality maintenance, packaging and labelling aspects. Made special mention that "Its an era of ready to eat and ready to cook", accordingly products should be prepared. Shri. Nataraj T. H. Deputy Director of Agriculture, Sirsi explained about PMFME scheme, through which 50 % financial grant is provided for branding and marketing for

FPO/SHG/Cooperatives. He requested the gathering to make better use of this scheme for value addition of



millets. During presidential remarks, Dr. Roopa S. Patil, Senior Scientist and Head highlighted the role of millets in human health. Though Uttara Kannada is not a major millet growing area, due to high nutritional content made them as rich millets. More than 50 different millet based recipes both under sweet and khara category were displayed in the contest. 65 participants from different taluks of Uttara Kannada participated in the programme. Millet based pizza and Ragi Laddu were judged as first based on taste, millet proportion, appearance etc and finally certificates were distributed to all the participants.

**(Dr. Roopa S. Patil, Senior Scientist and Head, KVK Uttara Kannada)**



## KVK Vijayapura-I

### World Soil Day

ICAR-KVK-Vijayapura-I celebrated World Soil Day on 05th December 2023 under the theme “Soil and Water: A Source of Life. The programme aims to raise awareness of the importance of maintaining healthy ecosystems and human well-being by addressing the growing challenges in soil management, increasing soil awareness and encouraging societies to improve soil health. Dr. I. K. Kalppnavar, Administrative Officer, UAS Dharwad, inaugurated function and deliver the importance of Soil in agriculture. Dr. Bheemappa A., Dean (Agri), COA, Vijayapura and Dr. R. B. Belli, ADE, Zone-III, were guest for world soil day celebration. Dr. S.M. Vastrad, SSH -KVK-Vijayapura, address the framers regarding problematic soils of Vijayapura district. Dr. Shilpa V. Chogtapura, SMS (Agronomy), briefed about importance of world soil day. All the Scientist and staff of KVK were present. Around 49 famers were participated in world soil day celebration.



### Frontline demonstration of Herboliv + spray using drone

ICAR-KVK Wayanad conducted Frontline demonstration of Herboliv+ spray using drone was done in farmers field to prevent wild animal attack at Mananthavady. Training / awareness programme on the use of Haerboliv was also conducted in connection with the one day programme. The programme was inaugurated by Smt. Rachitra Baburaj, Panchayath President and Presidential address was delivered by N.D Jolly, ward member. Dr Deepa Surendran, Assistant Professor, Animal Husbandry lead the training programme. The objective of the spraying is to prevent wild animal attack by spraying Herbolive at the border of the fields to prevent the trespass of wild animals. around 20 farmers actively participated in the event.



### Training cum exposure visit to farmers

KVK Wayanad had conducted one day pepper training for 25 farmers from Kunnamangalam Block, Kozhikode District at KVK. Topics on “Different Propagation technology of pepper” were handled by Smt. Ashitha M.R, Assistant Professor, Horticulture. Scientists from KVK Wayanad arranged visit to pepper fields of farmers at Nellarachal in connection with the programme.



## Demonstration Units of KVK Chitradurga



Farm Machinery unit



Coconut seedling nursery unit



Fodder demonstration units



Fodder demonstration units



Fodder demonstration units



Technology demonstration units



Technology demonstration units



Technology demonstration units

