

# Karnataka Veterinary, Animal and Fisheries Sciences University, Nandinagar, Bidar-535 226







# ICAR-KRISHI VICYAN KENDRA (D.K.) KRISHI SANJEEVINI





Phone no: 0824: 2431872, 8762543060

e-mail: kvk.DakshinaKannada@icar.gov.in, kvkdk@rediffmail.com, kvkdkmlr@gmail.com, Web: kvkdk.org

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# **12<sup>th</sup> Scientific Advisory Committee Meeting**

The 12<sup>th</sup> Scientific Advisory Committee Meeting of ICAR-Krishi Vigyan Kendra, Dakshina Kannada was held on 31.01.2022 at KVK, Dakshina Kannada, Mangaluru. Dr. N.A. Patil, Director of Extension, KVAFSU, Bidar presided over the meeting, Dr. V. Venkatasubramanian, Director ATARI, Bangalore, Dr. B. Hemla Naik, Director of Extension, KSNUAHS, Shivamoga, Dr. T. N. Raviprasad, Director, DCR, Puttur, Dr. Prathibha Rohit, Head, MRC of ICAR-CMFRI, Mangaluru, Dr. Prasanna Kumar T.G., Deputy Director, AH&VS, Dept. Mangaluru, Dr. H.R. Naik, Deputy Director of Horticulture, Dr. Raviraja Shetty, Associate Professor & Head, AHRS, Ullal, Dr. Dhanananjaya, Senior Scientist and Head, KVK, Brahmavar, Sri. Manikandan, ICAR-KVK, Kasargod, Mrs. Prema Kamble, ADA (Hq.) Mangaluru, Mrs. Manjulashree Shenoy, Assistant Director of Fisheries, Mangaluru, SAC Members, Progressive Farmers, officers from developmental departments and NGOs were present.

On this occasion, innovative farmer of coastal district of Karnataka, Padmashree Amai Mahalinga Naik was felicitated by Dr. V. Venkatasubramanian, Director ATARI, Bengaluru, Dr. N.A. Patil DE, KVAFSU, Bidar, Dr. B. Hemla Naik, DE, KSNUAHS, Shivamoga and KVK Dkshina Kannada team.

The Senior Scientist & Head welcomed the gathering and presented the proceedings and action taken report on 12<sup>th</sup> SAC meeting subsequently the activities carried out during the year 2021-22 with respect to OFTs, FLDs, Trainings and other extension activities & sponsored programmes. The Director of Extension KVAFSU, Bidar assured about the availability of Mudhol puppies for breeding purpose, construction and to start new piggery unit and organize programmes on area specific mineral mixture by conducting soil and fodder mapping. The Director of Extension, KSNUAHS, Shivamogga, suggested to develop herbal gardens, soil enrichment-based programme, natural farming and integrated farming system modules. The Director, ATARI suggested to conserve local varieties and make them available to the farming community and wealth from the waste and module for urban based nutrigarden and vertical farming.

On this occasion, books entitled organic farming and scientific fish farming was released by the dignitaries.

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#### **Celebration of World Pulse Day – 2022**

World Pulse Day – 2022 was celebrated at ICAR -KVK, Dakshina Kannada on 10.02.2022 by conducting capacity development programme, method demonstration and exhibition on value addition in pulses for Anganavadi workers, farmers and SHGs. On this occasion Dr. A. A. Fazal, Food Scientist, Retired Professor and District Resource Person for PMFME scheme explained about importance of pulses in human diet, processing of pulses and schemes available under PMFME. Mrs. Nalini, women entrepreneur demonstrated on preparation of pulse-based products like Idli, Dosa, Paddu, Pappad, Sweets, Padenji, etc. Dr. Naveen Kumar B.T. Scientist (Agronomy) explained about production technologies of pulse crop during rabi/summer in coastal region.

Dr. T. J. Ramesha, Senior Scientist and Head, presided over the function and urged the participants to educate their respective village farmers to go for pulse-based cropping system for enhancement of the farm productivity and profitability. Exhibition was organised to display pulse based products prepared by women entrepreneur Mrs. Nalini. Exposure visit was made to green gram (BGS-9) demonstration plot established at KVK instructional farm. A total of 42 participants actively participated and the programme was ended with serving padenji (Nutrient enriched local dish made from green gram) to the participants.







# Block Level Seminar on Integrated Crop Management and Value Addition in Coconut

The ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru in association with Coconut Development Board (Ministry of Agriculture and Farmers Welfare, Government of India) Regional Office, Bengaluru organized the **Block Level Seminar** on "Integrated crop management and value addition in coconut" at Primary Agricultural Credit Cooperative Society Limited, Sullia on 17.02.2022 to impart knowledge and skill about scientific coconut cultivation for the farming community of Dakshina Kannada. The seminar was inaugurated by Shri. Aravazhi, E., Director (incharge), Coconut Development Board-Bengaluru.

Dr. T. J. Ramesha, Senior Scientist and Head, ICAR-KVK (D.K) Mangaluru presided over the function and delivered opening remarks. Dr. K. B. Hebbar, Principal Scientist and Director (Incharge), and Dr. Nagaraja N.K., Scientist, CPCRI-were participated in the programme. Dr. Kedarnath, Scientist (Plant Protection) coordinated the programme and highlighted about the integrated management of pest and diseases. A total of 69 farmers participated in the programme.





#### Farmers Field Day on Scientific Coconut Cultivation

The ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru organized the Farmers Field Day on Scientific Coconut Cultivation on 19.02.2022 at Daregudde village under the sponsored programme of Coconut Development Board (Ministry of Agriculture and Farmers Welfare, Government of India) Regional Office, Bengaluru, Dr. Kedarnath, Scientist (Plant Protection) explained about scientific method of coconut cultivation practices and effective management of pest and diseases. Dr. Mallikarjun, L., Scientist (Soil Science) delivered a lecture on scientific method of soil sampling, their uses and integrated nutrient and water management in coconut. Mr. Manohar Shetty, Secretary, Rajya Rait Sangh, Dakshina Kannada suggested the farmers to utilize the schemes and programmes available in the Coconut Development Board. A total of 31 farmers/farm women were participated in the programme.







### Inauguration cum orientation of DAESI programme at KVK Mangaluru

An efficient extension system capable of timely dissemination of need based farm technology among farming communities is vital for achieving sustained growth in agriculture. Agri-Input Dealers play vital role in reaching the farmers by performing dual role of providing agri-inputs as well as technological back up to the farming community. In this context, ICAR-KVK, Dakshina Kannada organized a inaugural function of DAESI programme in association with MANAGE Hyderabad, SAMETI (South), UAS Bengaluru and Department of Agriculture, Dakshina Kannada at KVK Mangaluru on 29.03.2022.

Dr. Kedarnath, Scientist and Coordinator (DAESI Batch V) welcomed all the guest and input dealers and briefed about the implementation of program and its impact on the trained input dealers. The Programme was inaugurated by Dr S M Shivaprakash, Former DE, KVAFSU, Bidar. Mrs. Sitha, JDA, Zilla Panchayat (DK) and Dr. Shivakumar M, Dean, College of Fisheries, Mangaluru participated in the programme as a chief guest. Dr. T J Ramesha, Senior Scientist and Head, ICAR-KVK (DK), Mangaluru presided over the programme and advised the participants to learn the latest technologies and suggested to transfer adoptable technologies and adopt at their fields. A total 40 agri-input dealers of the district participated in the programme.

### Nutri garden training on eve of International Women's Day

ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru in association with Mangalore Chemical Fertilizers Limited celebrated International Women's Day through organising capacity development programme on Kitchen and Terrace gardening for Anganawadi workers on 08-03-2022. Mrs. Sumangala Rao, deputy mayor, Mangalore City Corporation inaugurated the event and in her inaugural address opined that women are not only given importance, but also respected and worshipped in India. Mr. Bharath Kumar, Corporator, Souter pet, Mangalore opined that a woman always gives first priority to her family and then thinks of herself. Dr. T.J. Ramesha, Senior Scientist and Head addressed that "Woman is a personification of love, resilience, strength and beauty and although her existence should be celebrated every day.

As a part of the programme felicitated four progressive farm women were felicitated.. Mr. Blany Dsouza, Mangauluru and Dr. Rashmi R., Scientist (Horticulture) coordinated the programme and delivered a lecture on plan, layout and establishment of kitchen and terrace garden. Dr. Chethan, Scientist (Fisheries) welcomed the guests and Dr. Kedarnath, Scientist (Plant Protection) proposed vote of thanks. Mr. Madhu Marketing Manager, Mangalore Chemical Fertilizers Limited, 52 Anganawadi workers, SHG's members, Farm women and Staff of KVK graced the event





# District Level Workshop on Scientific Coconut Gultivation

On eve celebration of Annadata Devo Bhava/Kisan Bhagidari Prathmikta Hamari under Azadi Ki Amrit Mahotsav Campaign (Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmer welfare, Government of India), ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru in association with Coconut Development Board Regional Office, Bengaluru organized the **District Level Workshop on Scientific Coconut Cultivation Technologies** at ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru on 30-04-2022 to impart required knowledge and skill on scientific coconut cultivation for the farming community of Dakshina Kannada.

The Workshop was inaugurated by Sri. H.R. Naik Deputy Director of Horticulture, Zilla Panchayat, Dakshina Kannada and in his address highlighted about the available schemes and programmes in the Department of Horticulture. Dr. T. J. Ramesha, Senior Scientist and Head, ICAR-Krishi Vigyan Kendra (D.K) Managluru presided over the programme and delivered opening remarks. Dr. Ravi Bhat, Principal Scientist and Head, Division of Crop Production, ICAR- CPCRI, Kasaragod, delivered a lecture covering aspects such as varieties, methods of planting, water management, soil conservation and value addition.

Dr. Vinayak Hegde, Principal Scientist and Head, Division of Crop Protection, ICAR-CPCRI, Kasargod, delivered a lecture on pests and disease management in coconut. Mr. Satayanarayana Udupa, Chief Managing Director, Udupi Kalparasa and All Spices Farmer Producer Company Limited, Kundapura highlighted about the technology of Kalparasa a health drink and Mr. Anush, Surathkal, FoCT trainee shared his experience with the participants. Dr. Rashmi R., Scientist (Horticulture) coordinated the programme and highlighted about the schemes of CDB for promoting scientific coconut farming. A total of 104 participants comprising of Farmers/farm women, FPO members and Department officials & Senior Executives of South Canara Coconut Farmers Producer Company Limited, Vittal participated in the programme.







#### Selentific Sheep and Goat Farming

Three days training programme was conducted on "Scientific Sheep and Goat farming" from 21.03.202 to 23.03.2022 under the project entitled "Capacity Building of Farmers Through Training Programmes on Profitable Dairy Farming and Livestock Management" sponsored by Ministry of Fisheries, Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, Government of India New Delhi.

Dr. Shivakumar, R. Scientist (Animal Science), organized the training programme at Bettampady village, Puttur Taluk, Dakshina Kannada. Inauguration was done by Mr. Vinodkumar, Vice-president, Bettampady grama Panchayath. Dr. T. J. Ramesha, Senior Scientist and Head in his presidential speech briefed about the importance of Scientific Sheep and Goat farming. Experts from the field of animal husbandry and agriculture were participated as resource persons and delivered lectures on various topics. A total of 47 farmers were benefitted by this training programme.





#### Kisan Mela — Kisan Bhagidari Prathmikta Hamari Campaign

The ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru in collaboration with Agricultural Technology Management Agency (ATMA), Department of Agriculture, Zilla Panchayat Dakshina Kannada organized the "**Kisan Mela**" as part of the KISAN BHAGIDARI -PRATHMIKTA HAMARI CAMPAIGN during Aazadi Ka Amrit Mahotsav Celebration(25<sup>th</sup>to 30<sup>th</sup>April 2022) on 26.04.2022 at its office premises.

Dr. Chethan N., Scientist Fisheries, ICAR – KVK (D.K), welcomed the guests, officials and farmers. The programme was inaugurated by Mr Sampath Samrajya, President of District Krishik Samaja, Dakshina Kannada. Mrs. Sheetha M.C., Joint Director of Agriculture, Zilla Panchayat Dakshina Kannada, Mrs. Sangeetha Kartha, DDM, NABARD, Mangaluru, and Mr. Bharat Kumar, Corporator of Jeppina Mogaru Block participated as guests.

The exhibition stall was inaugurated by Mr.Manohar Shetty, President Rajya Raita Sangha, Dakshina Kannada. As part of the "Kisan Mela" organized farmers- scientist interaction programme on Millets, Oilseeds and Bio-fortified crops as well as Animal Health Camp in association with the department of animal husbandry and veterinary. Services was organised at KVK. A total of 126 farmers and Officials from the line departments participated in the Kisan Mela. Entire KVK team successfully organised the Kisan Mela.







### Hortfeulture Grops for Enhancement of Farmers Income

ICAR-Krishi Vigyan Kendra, Mangaluru (Dakshina Kannada) organized DAESI training programme for input dealers of Dakshina Kannada on 04.04.2022. Dr. Raviraj Shetty G, Associate Professor and Head, AHRS, Ullal delivered the lecture on cashew and pepper cultivation. Besides this opined that cashew fruits that are wasted can be utilized for preparation of various value added products. Dr. Kedarnath Scientist (Plant Protection) in his lecture briefed about on importance of pest and disease management in agriculture, differences between harmful insects and beneficial insects, role of beneficial insects in pollination and control of pest attack. Besides this also conducted practical class on identification of harmful insect effects and beneficial insect attack.

Dr. Shamsudheen M, Senior Scientist (Soil Science), ICAR-DCR, Puttur delivered the lecture on soil application of macro-micro nutrients, nutrient deficiency symptoms in plants and its management. Dr. Mallikarjuna L., Scientist (Soil Science) explained about formation of soil, their characteristics, types, and properties. Dr. T. J. Ramesha Senior Scientist and Head, ICAR-KVK, Mangalore, briefed about mandated activities of KVK and urged women takeup value addition activities in fish for sustainable income.









# Orientation and Training to Sagar Withras of Karnataka

KVK, Dakshina Kannada in collaboration with Department of Fisheries, Dakshina kannada, Udupi and Uttara Kannada organised a training and orientation to the newly appointed Sagar Mitras of Karnataka state at KVK, Dakshina Kannada. Mr. Sudheer, Joint Director (Marine, Department of Fisheries Govt. of Karnataka was the inaugurator for the programme. Mr. Dinesh Kaller, Managing Director, KFDC, Govt. of Karnataka, Dr. Prakash B K, Asst. Director, Department of Fisheries, Govt. of Karnataka, Mr. Harish Kumar, Joint Director, Dept of Fisheries, Dakshina kannada, Mr. Shivakumar, Joint Director, Dept of Fisheries, Udupi, Mr. Ganesh K., Joint Director, Dept of Fisheries, Udupi, Smt. Kavitha, Deputy Director, Dept of Fisheries, Uttara Kannada, Dr. Sushmitha Rao, Deputy Director (Inland), Dept of Fisheries, Dakshina Kannada, were the special guests for the programme. President for the programme was Dr. Ramesha T. J., Senior Scientist and Head, KVK, Dakshina Kannada.

The programme was organised to give orientation regarding the fisheries and data collection in the marine fisheries sector. The duties of Sagar Mithra were conveyed with special training on various fisheries activities in the state in the coastal region with special importance on marine fish catch. Mariculture, cage farming, hygienic handling of fish in the landing centers, ODOP, Solar drying of fish, value added products preparation, marketing aspects were trained during the programme. The hands-on training was also given to the participants on solar drying of fish using hybrid solar-electric drier (ICAR-CIFT Cochin) at the KVK, Dakashina Kannada. Dr. Chethan N., Fisheries Scientist, KVK, Dakshina Kannada trained the farmers in various aspects of value addition under the ODOP theme. Assistant Directors of Fisheries, Mr. Dilip Kumar and Mrs. Manjulashree participated in the programme.

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# Gelebration of World Honey Bee Day

ICAR- Krishi Vigyan Kendra, Dakshina Kannada, organized 'World Honey Bee Day' on 20<sup>th</sup> May 2022. The programme was inaugurated by Dr. Chethan N. Scientist (Fisheries) KVK, Mangaluru in his inaugural address spoke about the importance of the Honey bees in the environment and appreciated the efforts of the beekeepers society of the district in production, branding and marketing of the quality honey products. Dr. Mallikarjuna L Scientist (Soil Science), highlighted about the bee keeping as an income generation activity, types of bees and scientific management of colonies of honeybees. Dr. Kedaranath, Scientist (Plant Protection) Dr. Rashmi R. Scientist (Horticulture), thirty-seven farmers and farm women, DAESI students and KVK staff were participated in the programme.



#### Performance Monitoring of ICAR- KVK, Dakshina Kannada by Nodal Officer

On 6-06-2022, Dr. D.V. Kolekar Scientist (Agriculture Extension), ICAR ATARI Zone XI, Bengaluru & Nodal Officer of KVK, Dakshina Kannada visited the ICAR- Krishi Vigyan Kendra, Dakshina Kannada, Mangaluru and interacted with the scientists. Besides this, also visited demonstration units established at KVK Farm and suggested to take up one demonstration of each FLD at KVK Farm, so that it will be highly useful to motivate farmers towards adoption of improved practices at the farm.









Nodal Officer could also visit to the farmers field, where Roopchand Fish(PACU FISH) was maintained under the Biofloc fish culture system-An innovative fish culture system established by a rural youth Mr. Prajwal Pratheek hailing from Golthamajalu village of Bantwal Taluk.





Addition to this, visited to farm of Mr. Suresh Balnadu, a progressive farmer hailing from Balnadu village of Puttur taluk, who had successfully implemented FLD Programmes on ICM in Pepper and OFT on spindle bug management in arecanut. This farmer also produces electricity to meet his domestic requirements utilizing water resources. Nodal Officer suggested to implement integrated farming system utilizing available water resources for fish culture.

He also visited vermicompost production unit established by Mr. Prasanth, Budaluru village of Kadaba Taluk and suggested to brand the produce for commercialisation and instructed KVK scientists to facilitate for the marketing. Senior Scientist and Head, Scientists & Programme Assistant (Computer) accompanied the Nodal Officer to farmers plots, where various programmes are implemented at villages.





On 07.06.2022 Nodal officer could also visit the plot of Smti. Jasmin Aranha awardee of best farm women hailing from Muchur village of Moodabidre Taluk, where she has maintained goats, poultry, fruits plants especially Dragon fruit on commercial scale.

#### Popularisation of Sahyadri Panehamukhi for flood prone area and Sahyadri Kempumukthi for Midlands of Goastal Karnataka

In Dakshina Kannada, paddy is a major staple food crop mainly grown during kharif season in medium and low laying fields. In the district more priority has been paid towards cultivation of low yielding varieties of paddy such as Kaje jaya, Uma, MO4, Jaya etc., but these varieties are tall with lodging problem, does not respond to fertilizer and provide lesser yields. Realizing this problem Dr. Naveen Kumar, B.T., Scientist (Agronomy), ICAR-Krishi Vigyan Kendra, Dakshina Kannada, organised capacity development programmes under FLD programme on demonstration of flood resistant red rice variety - Sahyadri Panchamukhi for lowlands and Sahyadri Kempumukthi for midlands of Dakshina Kannada at Vogga village of Bantwal taluk, Mulki and Killenjaru villages of Mangaluru Taluk. Five quintals of truthful labelled seeds as critical input was provided to motivate the farmers for adoption of new variety under Front Line Demonstration benefiting 20 farmers. During this programme farmers were trained about improved production technologies of paddy.





## Rain Water Harvesting and Recycling of Kitchen Waste Through Pipe Composting

One day on campus capacity development programme on 'Rain water harvesting and Kitchen waste management through pipe composting' was organised for 'Sanjeevini women union' on 17.03.2022. Dr. Mallkakrjuna L Scientist (Soil Science) participated as resource person and briefed about benefits and need of rain water harvesting so as to meet the increasing demand for water and to reduce the groundwater pollution and soil erosion. A demonstration on pipe composting was organised at Suterpet colony of Managaluru so as to utilize household waste for production of nutrient rich compost.

The manure generated can be subsequently utilised as nutrients in kitchen garden, pot culture, terrace garden and trees within households. Dr. T. J Ramesha, Senior Scientist and Head was presided over the function, Dr. Shivakumar R, Scientist (Animal Science), Jeevan Kolya, District Programme Manager, Bharathiya Vikas Trust, Manipal and 55 farm women and farmers were participated in this programme.





#### **Gelebration of World Environmental Day**

World environmental Day was celebrated by KVK, Dakshina Kannada on 05.06.2022 with the theme of 'Only One Earth', which draws our attention towards playing our role effectively while living in perfect harmony with nature - without proving a burden on it. Dr. Mallikarjuna L. Scientist (Soil Science) coordinated the programme and in his deliberation covered about the importance of environment and its protection for sustainable life on the earth and history of this special day, later planting of coconut and papaya seedlings. Dr. Shivakumar R. Scientist (Animal Science) presided over the function Dr. Chethan N. Scientist (Fisheries), Dr. Kedarnath, Scientist (Plant Protection), KVK staff and 43 Farmer and Farm women participated in the programme.





Tree plantation was done on the occasion of world environmental day at KVK premises

#### **Celebration of International Yoga Day**

KVK, Dakshina Kannada has celebrated International Yoga Day on 21.06.2022 at Kallamundkuru village of Moodabidre Taluk. Dr. Mallikarjuna L. Scientist (Soil Science) coordinated the programme and highlighted about the history and importance of celebrating international yoga day on the 21st of June of every year. The 21st day of the June month it is said to be the longest day of the year in the Northern hemisphere and it shares special significance in many parts of the world. The initiative of international yoga day was proposed by the honourable Prime Minister of India Shri Narendra Modi during his speech at the United Nations General Assembly on 27th September 2014, during this programme awareness on balanced use of fertilizers and agroforestry was created to conserve soil and water for improving soil fertility.

Dr. Shivakumar R. Scientist (Animal Science) presided over the function Mr. Lathesh, Canara Bank Officer of Financial Literacy Education Council and Mr. Jeevan Kolya District Prgramme Manager, Bharathiya Vikas Trust, Manipal, and Subramanya, NRLM officer, Moodabidre were participated as guests. A total of 82 farmers, farmwomen and KVK staff were participated in this programme.

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#### Work shop on Petroleum products and usage of energy efficient pumps in Agriculture

As a part of PCRA entrusted with the task of creating awareness amongst the Farming community about the importance, methods and benefits of conserving petroleum products, usage of energy efficient pumps in Agriculture, emission reduction for better health, environment and self-reliability of the nation, one day agriculture workshop was organised on 25.03.2022 at KVK, Dakshina Kannada to create awareness on conservation of petroleum products. Dr. Mallikarjuna L. Scientist (Soil Science) in his deliberation covered on conservation measures of petroleum products and energy while cooking, driving and purchase of energy/fuel efficient pumps/motors etc.

Besides this also explained about the energy conservation efficiencies in different sectors like transport, industry, domestic and in agriculture sectors. Dr. T. J. Ramesha, Senior Scientist and Head was presided over the function Dr. Shivakumar R. Scientist (Animal Science), KVK staff and 42 farmers were participated in this programme





Farmers participation in workshop on conservation of petroleum products

#### Gareeb Kalyan Sammelan

A live telecast programme of Honorable Prime minister's interaction with beneficiaries of various schemes of Government of India was organised at KVK, Dakshina Kannada on 31.05.2022. Mr. Lathesh, Canara Bank Officer of Financial Literacy Education council and Mr. Jeevan Kolya District Prgramme Manager, Bharathiya Vikas Trust, Manipal, were participated as chief guests and informed about the different schemes and programmes available in banks and developmental departments. Dr. Mallikarjuna L. Scientist (Soil Science) coordinated the programme and highlighted about the importance of the programme Dr. Shivakumar R. Scientist (Animal Science) presided over the function Dr. Chethan N., Scientist (Fisheries), KVK staff and 62 Farmer and Farm women participated in the live telecast programme.





#### **Scientific Dairy Farming**

Three day's training programme was conducted on "Scientific Dairy Farming" from 26.03.2022 to 28.03.2022 under the project entitled "Capacity Building of Farmers Through Training Programmes on Profitable Dairy Farming and Livestock Management" sponsored by Ministry of Fisheries, Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, Government of India New Delhi at Mankude village, Bantwala Taluk by ICAR-KVK Dakshina Kannada.

Dr. Shivakumar, R., Assistant Professor, organized the training programme in association with department of Animal Husbandry and Veterinary Services, Bantwala Taluk, Dakshina Kannada. The programme was presided over by Smt. Nebisa Khader, president, Grama Panchayath, Kolnadu, Bantwala Taluk. Inauguration was done by Shri. Mankude Srinivas aachar, Chief trustee, Sri Vishnumurthy temple, Mankude, Dr. Prasannakumar, deputy director, Department of Animal Husbandry and Veterinary services Dakshina Kannada, Mangalore, during the inaugural speech as chief guest emphasized on adopting scientific methods in Dairy farming to increase the income. Dr. Mallikarjun, Scientist (Soil Science) ICAR-KVK was also present during the inaugural programme. Experts in the field of animal husbandry were participated as resource persons and delivered lecture on various topics. During the last day of the training programme, Calf rally was organized to select the best calf in different age category and the best calf was awarded. About 45 famers were benefitted by this training programme.





### Scientific Management of Poultry Birds

Three day's training programme was conducted on "Scientific Management of Poultry Birds" from 29.03.2022 to 03.2022 under the project entitled "Capacity Building of Farmers Through Training Programmes on Profitable Dairy Farming and Livestock Management" sponsored by Ministry of Fisheries, Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, Government of India New Delhi at Suratkal, Mangaluru by ICAR-KVK Dakshina Kannada.

Dr. Shivakumar, R., Assistant Professor, organized the training programme in association with the NGO- VIRAT, Surathkal and Bharath Vikas Trust, Manipal. Inauguration of programme was done by Sri. Radhakrishna, Principal, Vidyadayini pre- university college, Suratkal. the chief guest emphasized on advantages of backyard poultry farming for getting balanced nutrition and in the development of rural economy to improve their livelihood. Dr. Mallikarjun, Scientist (Soil Science) ICAR-KVK and Mr. Jeevan Kolya, Manager of BVT NGO were also present during the inaugural programme. Experts in the field of animal husbandry, Dr. Vasanth Shetty was participated as resource person and delivered lecture on various topics on scientific management of poultry and Dr. Chetan, Scientist(Fisheries) delivered lecture on integrated poultry and fish farming. Other experts also participated during three days training programme and delivered lecture on various topics. About 43 famers were benefitted by this training programme.











#### Scientific Piggery Farming

Three day's training programme was conducted on "Scientific Piggery Farming" from 27.03.2022 to 29.03.2022 under the project entitled "Capacity Building of Farmers Through Training Programmes on Profitable Dairy Farming and Livestock Management" sponsored by Ministry of Fisheries, Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, Government of India New Delhi at Sullia, by ICAR-KVK Dakshina Kannada.

Dr. Shivakumar, R., Assistant Professor, organized the training programme in association with department of Animal Husbandry and Veterinary services and Department of Agriculture, Sullia taluk, Dakshina Kannada. Inauguration was done by Sri. Veera Shetty Assistant Director, Department of Agriculture, Sullia taluk, Dakshina Kannada, during the inaugural speech the chief guest emphasized on adopting scientific methods in scientific piggery farming system and its advantages to increase the farmers income. Dr. Mallikarjun, Scientist (Soil Science) ICAR-KVK was also present during the inaugural programme. Experts from the field of animal husbandry and agriculture were participated as resource persons and delivered lecture on various topics of scientific piggery rearing. About 40 famers were benefitted by this training programme.





Editor : Dr. T.J. Ramesha

Co - Editor : Dr. Chethan N.

**Editorial Board** : Dr. Shivakumar R.

Dr. Kedarnath

Dr. Naveen Kumar B. T.

Dr. Mallikarjuna L.

Dr. Rashmi R.

With the guidance of : Dr. N.A. Patil

**Designed by** : Mr. Sathisha Naik K.

Published by : Senior Scientist and Head

ICAR,Krishi Vigyan Kendra, Dakshina Kannada, Mangaluru

ICAR-KVK, DK. Mangaluru, Phone No. 0824–2431872, e-mail: kvk.DakshinaKannada@icar.gov.in Website: kvkdk.org

