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From Vice-Chancellor's Desk


Climate change refers to the change in the environmental conditions of the earth, which has become a concern over the last few decades. Climate change is a major global challenge today and the world is becoming more vulnerable to this change. Horticulture crops are considered for food and nutritional security and the demand is increasing due to ever growing consumer preference and population.

Climate change has emerged as a real concern for the horticultural sector with visible changes in productivity, quality of crop, yield and extent. The empirical evidences has proven that increase in available CO₂ in the atmosphere has 24% to 51% positive effect on productivity increase in crops like mango, citrus, grapes, guava, fig, annona, tomato, capsicum, onion, cucumber and melons. But the increasing temperature has impact on crop duration, flowering, fruit set, quality and economic yield.

Dr.YSRHU is keen to look into the effect of climate change and adoption of mitigation measures to ensure sustainable production and productivity in horticulture crops.

- Released 27 improved varieties in various horticulture crops including 12 nationally notified
- Production and promotion of usage of bio-fertilizer and bio-control agents
- Micro irrigation combined with fertigation
- Promotion of integrated crop management and pest & disease management
- Organic farming practices
- Scientists participated in 4th International conference on "Global efforts on Agriculture, Forestry, Environment and Food Security" with the theme on Climate change and its impact at Institute of Forestry, Pokhara, Nepal.

Time to think about Global Warming


Dr T.Janakiram
Vice-Chancellor

The Events

Inauguration of New Research Station in Srikakulam district

New Horticultural Research Station at Peddapeta village, Srikakulam district was inaugurated by Sri K.Govardhan Reddy garu Hon'ble Minister for Agriculture & Co-operation, Marketing, Food Processing, Government of Andhra Pradesh and Sri T.Seetharam garu, Hon'ble Speaker, Government of Andhra Pradesh in august



presence of Dr T.Janakiram, Hon'ble Vice Chancellor on 29 September 2022. Dr L.Naramnaidu, Director of Research, Dr B.Srinivasulu, Registrar, Sri K.Mallikarjuna Rao, Estate Officer and Dr B. Srinivasulu, PS & Head, Dr.YSRHU-HRS, Ambajipeta participated in the program. Biocontrol Lab and Corcyra Rearing Unit were brought under function in the new research station Dr.YSRHU-HRS, Peddapeta.



Vice-Chancellor visit

Dr.T. Janakiram, Hon'ble Vice-Chancellor, Dr.YSRHU visited HRS, Lam and reviewed ongoing activities of the research station and QTC on 16 September 2022.



Education

Accreditation Success Meet

ICAR Accreditation Success Meet held at Dr.YSRHU-CoH, Parvathipuram on 28 September 2022. Hon'ble Vice-Chancellor, Dr.YSRHU and other university officers graced the occasion and appreciated the efforts made by Associate Dean, teaching and non-teaching staff of Dr.YSRHU-CoH, Parvathipuram in getting "A" grade accreditation from ICAR.



Awareness

On 30 September 2022, awareness programme on fake loan apps, eve-teasing and cyber crime was conducted by Dr.YSRHU-CoH-Chinalataripi. Ms. Sai Chaitanya, Mahila police from Oguru sachivalayam attended the programme. Dr. S.S.Vijaya Padma, Associate Dean, students and staff attended the programme. Ms. S.M. Sailaja, OSA organized the awareness camp.

RHWEP Activities

On 22 September 2022, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension), Dr.B.Vijayasree, Scientist (Home Science), Dr.YSRHU-KVK, Periyavaram along with RHWEP students visited CIFAL Herbal Pvt.Ltd. at Gudur as part of Vocational training to RHWEP students. Sri. Balaji, Senior Executive explained the process of automated Acid lime seed extraction, extraction of Citronella oil from peel, Dehydration of Acid lime fruits, Pectin preparation and conversion of juice into powder.



On 19 September 2022, Dr. B. Srinivasulu, Principal scientist and Head, Dr. N.B.V. Chalapathi Rao, Principal Scientist (Ento.) and Smt. B. Neeraja, Scientist (Pl.Path) proceeded to RHWEP villages Gangalakurru Agraharam, Pothailanka, Avidi and Vakkalanka where students conducted the method demonstrations on waste decomposer preparation and Installation of Pheromone traps for the rhinoceros beetle in coconut gardens to the farmers.

On 21 September 2022, Smt. B. Neeraja, Scientist (Plant Pathology) Dr. YSRHU - Horticultural Research Station, Ambajipeta explained in detail about the coconut diseases and integrated disease management practices to the RHWEP students and later showed the method demonstrations on 1% Bordeaux mixture and Bordeaux paste preparation and their application in coconut and cocoa, copper oxy chloride paste application on stem bleeding patches and crown spraying of coc (3g/l) against bud rot disease



On 29 September 2022, Dr. G. Koteswara rao, RA (Hort.) explained in detail about the hybridization techniques to the RHWEP students followed by four guest lecturers given by Dr. Ch. Kishore kumar, senior scientist (Pl.Path) on nematode management in horticultural crops, Dr. M. Janaki, Scientist (Hort.) and Head, Peddapuram on production technology of tuber crops, Dr.

Snehalatha Rani, scientist (Pl.Path) on pests and diseases management in Banana and Dr. G. Ramanandam, Principal Scientist (Hort.) and Head, Kovvur on production technology of banana crop.

On 27 September 2022 Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta along with the RHWEP students visited All India Radio, Kadapa. The engineer of All India Radio explained about radio transmitting services, administration, programming and engineering services being carried out at AIR. AIR, Kadapa established in 1983 with range & frequency are 900 KHZ and 103.8 MH. Later, visited KCK, Utkur and learned about its activities.



ELP Activities

Dr. K.Swarajya Lakshmi, Dr. V.V.Padmaja and Dr. Ereshkumar along with ELP 403 students participated in the Webinar "Ayurveda dhara -vision 2047" on 24 & 25 September 2022, organized by Transdisciplinary University, Bangalore in collaboration with Ministry of Culture and Ministry of Health and Education, New Delhi.

Commercial nursery of CoH, Anantharajupeta located at Railway Koduru, Annamayya District has been meeting the demands of the farmers in supplying various planting material viz., mango grafts, sweet orange budded plants, acid lime seedlings, guava ground layers, sapota grafts etc. During this month this commercial nursery and ELP 401 Commercial Horticulture module of CoH, Anantharajupeta supplied 3,435 Acidlime seedlings of ‘Petluru Pulusu Nimma’ variety and 1,272 Acidlime seedlings of ‘Balaji’ variety.



Exposure Visits

On 24 September 2022, B.Sc (Hons) Horticulture second year students were taken for tour to Horticulture farm and nursery at Kothapatnam as a part of Practical class of course ‘Ornamental Horticulture’. Ms. S.M. Sailaja, Assistant Professor (Hort.) coordinated the programme.



Dr. A.V.D. Dorajee Rao, Prof (Hort.), Dr.YSRHU-CoH, V.R.Gudem organized exposure visit to the second year B.Sc (Hons.) Horticulture students to Kadium nurseries, Nature Study Centre, Nagaravanam and Forest Research Centre at Rajamahendravaram on 17 September 2022.

NSS Activities

NSS Cell, CoH, VRGudem organized Blood Donation camp on occasion of NSS Foundation day on 24 September 2022 in association with Indian Red Cross Society, Eluru and Lions Club, Tadepalligudem. Dr. T. Janakiram, Honourable Vice-Chancellor attended the programme as Chief Guest and addressed the gathering. Dr. B. Srinivasulu, Registrar, Dr. S. Surya Kumari, Dean PGS, Dr. E. Karunasree, Director of Extension, Dr. D. R. Salomi Suneetha, Dean of Student Affairs and NSS Programme Coordinator, Dr. M. Madhavi, Associate Dean, teaching and non teaching staff and students participated in the programme. Students actively participated in the camp and donated the blood. Programme was organized by NSS Programme Officers Dr. D.R. Salomi Suneetha, Dr. R.V. Sujatha and Dr. A. Harshavardhan.



On 26 September 2022, a programme on ‘Poshan Pakhwada’ was conducted by NSS cell, Dr.YSRHU-CoH, Chinalataripi in adopted village Palukuru. During this programme awareness was created to rural women about the nutritional garden by Dr. M.Sanghamitra, Assistant Professor (Hort.) followed by preparation of Moringa powder, Tomato sauce, Gauva squash, Tuti- fruity and Mixed fruit Jam by ELP-403 (Processing of Fruits and Vegetables) students. Dr. S.S. Vijaya Padma, Associate Dean and Dr. K. Jyothirmai Madhavi, Associate Professor (Plant Path.) attended the programme and interacted with rural women. The Programme was coordinated by NSS Programme officer Dr. Y. Yohan, Assistant Professor (Plant Physiology).

On the occasion of NSS Foundation Day and as a part of blood donation drive from 17 September, 2022 to 1 October, 2022 on the eve of National Voluntary Blood Donation Day (NVBDD), a blood donation camp was organized by NSS Cell at College of Horticulture, Anantharajupeta on 24 September 2022. Dr.K.Gopal, Associate Dean started the camp by donating the blood and motivated Staff and Students to donate blood. NSS Programme officers, Dr.Lalitha Kadiri and Dr. Y.Deepthi along with Staff and students participated in the camp and donated blood on this occasion. The blood bank of Government General Hospital (RIMS), Kadapa co-ordinate the event.



Swachhata Hi Seva programme - Campus cleaning was done by B.Sc (Hons) horticulture students at Dr.YSRHU – CoH, Anantharajupeta from 4:00pm to 6:00pm on every alternate day. In this program various locations of the campus viz., boys hostel surroundings, Polyhouse premises near boys hostel, gazebo surroundings and lawn in front of the college main building were cleaned. Dr. K. Gopal, Associate Dean with the help of NSS programme officers, Dr.LalithaKadiri, Dr.Y.Deepthi Kiran co-ordinate the programme.

On 15 September 2022 Health camp was conducted by NSS Cell- COH, Chinalatarpi. Dr. S.S. Vijaya Padma, Associate Dean, Teaching, Non- Teaching staff and Students attended the programme. Dr. Sai Prasad ENT specialist, Kandukuru created awareness among students and staff about the precautionary measures to be taken during the upcoming winter season. The programme was coordinated by NSS Programme officer Dr. Y. Yohan, Assistant Professor (Plant Physiology).



On 27 September 2022, Blood donation camp was conducted by NSS cell at Dr.YSRHU-CoH, Chinalataripi as a part of “Raktdaan Amrit Mahostav”. Dr. S.S. Vijaya Padma, Associate Dean, Teaching, Non-teaching staff along with students attended the programme. Some of the students and staff donated the blood to RIMS, Ongole. The Programme was coordinated by NSS Programme officer Dr. Y. Yohan, Assistant Professor.

Exposure Visits

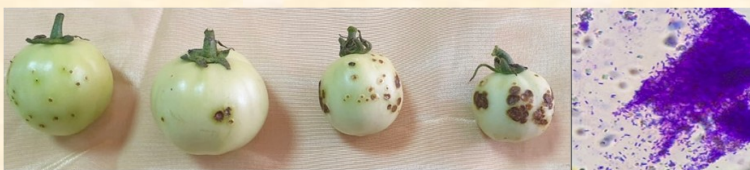
Dr.K.Swarajya Lakshmi, Professor (Horticulture), Dr.M.Siva Prasad, Professor (Horticulture), Dr.P.T.Srinivas, Professor (Horticulture) and Dr.K.Eresh Kumar, Asst.Professor (Ag.Engg.), Dr.YSRHU-CoH, Anantharajupeta along with the ELP students visited “Papaya Processing Unit” located near market yard, Railway Kodur on 28 September 2022. Students acquired information about minimal preliminary processing practices of papaya before going for tooty fruit manufacturing units located in Vijayawada, Guntur and Chennai. Besides this, they also learned about extraction of latex from mature papaya fruits by using plastic mats and quality testing (brix reading



with refracto meter) and marketing. Sri Koramutla Prasad, farmer cum papaya processing unit Managing Director explained processing, peeling, cutting and salt treatment (dipping in salt water @20-30%) of papaya fruit. Farmer Sri Ramaraju and Nuka Brahmaiah also explained the activities to the students. Total 41 students participated in the visit.

Research

Bacterial fruit canker caused by *Clavibacter michiganensis* sub sp. *michiganensis* of various ranges of severity was observed in the farmer's fields of tomato at Bojjavari-



Symptoms at varied ranges of incidence in tomato

Microscopic image of *Clavibacter* sp.

palli village and the external symptomatic and microscopic images were retrieved by Dr.Y.Sireesha, Asst.Prof.(Pl.Path), Dr.YSRHU-CoH, Anantharajupeta along with Dr.Sridhar, Dr.YSRHU-HRS, Anantharajupeta on 17th Sep,2022.

Dr.G.Ramanandam, Principal Scientist (Hort.) & Head, Dr.YSRHU-HRS, Kovvur delivered a guest lecture to RHWEP Students on Scientific Management practices of Banana at Dr.YSRHU-HRS, Ambajipeta on 28 September 2022 and also carried out field diagnostic survey along with Dr. A. Snehalatha Rani, Scientist (Pl. Path.) and Dr. Ch. S. Kishore Kumar, Senior Scientist (Pl. Path.) for Banana Pest and diseases including nematodes. Observed the sigatoka leaf spot in TC Keli in Isukapudi and Avidi villages of Ambajipeta mandal and suggested the control measures.

At Dr.YSRHU-HRS, Ambajipeta

- Recorded observations on male and female phases in elite germplasm of coconut and tagging of inflorescences in the dwarf experimental trial for recording the tendernut characters
- Whitefly complex incidence of 28.5 percent was observed in Dr. BR. Ambedkar konaseema district of coconut growing areas during the month of September
- Field evaluation of biocontrol disease management of stem bleeding disease in coconut showed that *T.reesei* coir pith was found effective in reducing the disease index by 100 percent @ 50 Days after treatment.

Extension Activities

Thotabadi Programme

Dr. R. Naga Lakshmi, Senior Scientist (Hort.), Dr.YSRHU-HRS, Lam attended training to the farmers under Dr.YSR Thotabadi programme at Kosurivaripalem village of Mopidevi mandal on chillies and tomato and attended another programme at Bhadrirajupalem village of Thotlavaluru mandal on banana along with district Horticultural Officer and Horticulture Officer, Kankipadu, Krishna district on 17 September 2022.



On 27 September 2022, Dr. B.K.M. Lakshmi, Principal Scientist (Pl. Patho) & Head and Dr. K. Radha Rani, Principal Scientist (Hort.), Dr.YSRHU-MRS, Nuzvid attended as resource persons for training program on Mango as part of Thotabadi conducted by Dept. of Horticulture, Krishna Dt. at Ranganagudem, Hanumanjunction Mandal and Gollanapalli,

Gannavaram mandal, Krishna Dt. District Horticulture Officer and Horticulture Officer have also participated in the programme.

Vice-Chancellor to Village Activities

On 26 September 2022, Dr.YSRHU-CoH, Chinalataripi faculty visited the adopted village Palukuru, Kandukuru mandal of SPSR Nellore district under VC to Village Programme for the year 2022-23. Dr. S.S.Vijaya padma, Associate Dean interacted with the farmers and discussed about the cultural practices in horticultural crops. Further, Dr. M. Venkata Ramana, Assistant Professor (Horticulture) created awareness among the farmers about Nursery management techniques of Vegetable crops.



On 23 September 2022, Scientists of CRS, Petlur created awareness on advantages of raising seedlings in pro trays compared to nursery beds. Further exposure visit was conducted to farmers to dragon fruit, custard apple and jack fruit orchards as a part of VC to village.

Dr.K.RadhaRani, Pr. Scientist (Hort.) and Dr.G.Sravanthi, Scientist (Entomology), Dr.YSRHU-MRS, Nuzvid organised training programme to farmers at adopted village Hanumanthunigudem on 21 September 2022.



On 30 September 2022, Dr.B.Vijayasree, Scientist (Home Science), Dr.YSRHU-KVK, Periyavaram under VC to Village programme conducted follow up visit at adopted village Arimenipadu ,Ozili (M),Tirupathi (Dist), interacted with the nutri-garden beneficiary farmers. Establishment of home stead nutrigardens provided the increased availability, accessibility and improved the utilization of diversified food intake which is cultivated organically to the farming community. Farmers expressed their happiness and in this programme KVK scientists Dr.D.Tirupal (Horticulture) & Dr.P.Nagarjuna Reddy (Agrl.E xtension), Anganwadi teacher, RHWEP students, CoH, Anantharajupeta & women farmers participated.

On 30 September 2022, Smt. B. Neeraja, Scientist (Plant Pathology) Dr. YSRHU - Horticultural Research Station, Ambajipeta proceeded to Vakalagaruvu village as part of VC to village programme and created awareness on "Importance of kitchen gardens, layout and nutritional facts" among the progressive farmers.



Dr.B.K.M.Lakshmi, PS. (P.P) and Head, Dr.G.Sravanthi, Scientist (Entomology), Dr.YSRHU-MRS, Nuzvid organized meeting with primary school children on importance of proper nutrition in holistic development and role of kitchen garden and its benefits followed by distribution of karonda seedlings on 26 September 2022.

Dr. K. Umamaheswara Rao, Senior Scientist (Hort.) & Head and Dr. B. Nagendra Reddy, Scientist (Ento), Dr.YSRHU-CRS, Bapatla000 visited the Chilli demonstration field at Kavurivaripalem village, Chirala mandal of Bapatla district on 28 September 2022 and advised the farmers on application of fertilizer to the chilli varieties LCA- 616 and LCA- 643 under VC to Village programme



On 20 September 2022, Scientists of Dr.YSRHU-HRS, V.R. Gudem conducted VC to Village program at Z.P. School, Pedatadepalli. Scientists explained about the importance of horticulture as a subject for future studies. Further, they explained importance of fruits in human diet and their nutritional benefits for healthiest life. Later distributed plant material (Mango, Acidlime, Jack and acidlime) and planted plants in vacant places of school premises.

Udyana Yatra

On 19 September 2022, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU-KVK, Venkataramannagudem organized the exposure visit and Udyana Yatra to Fisheries farmers from Telangana and explained about farm activities and IFS unit in the University. Dr K. Venkata Subbaiah, Scientist (Horticulture) and Dr K Venkata Sathish, Scientist (Horticulture) explained about processing technologies. Later visited the demonstration units at Dr.YSRHU-KVK, HRS & CoH.



Front Line Demonstrations

On 30 September 2022, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram distributed Cycocel for Acid lime farmers under Frontline Demonstration (FLD) on "FLOWER REGULATION IN ACID LIME FOR GETTING HIGHER YIELDS" at adopted village of Arimanupadu, Ojili (M), Tirupati (Dt.). Dr. B. Vijayasree, Scientist (Home Science), farmers and RHWEP students participated.



On 17 September 2022, Dr. S. Lavanya, Research Associate (Livestock production), Dr. M. Harshitha, Scientist, (Soil Science) and Dr. S. Firoz Hussain, Scientist (Horticulture), Dr. Sri Kanthi Sri, Scientist (Home Science), Dr.YSRHU-KVK, Vonipenta initiated Front line demonstration on "Feed supplementation of Bypass fat in dairy animals" at Somireddypalli and Narisireddypalli villages of B. Matam mandal. Supplementation of bypass fat to milch animals improves milk production, increases milk fat content, reproductive performances and body condition of animals. Provided 6 kgs of Bypass fat to the beneficiaries. Scientist explained the method of feeding and precautions to be taken.

On Farm Trials

On 26 September 2022, Dr.P.Nagarjuna Reddy (Agril. Extension), Dr.YSRHU-KVK, Periyavaram conducted follow up visit on “Assessment on performance of improved poultry breeds as backyard poultry” at adopted village Arimenupadu under Vice-Chancellor to Village programme and monitored the growth of two months old Rajashree, Vanashree and Ghagus birds. Dr. B. Vijayasree, Scientist (Home Science) and Dr. D. Thirupal, Scientist (Horticulture) participated in the programme.



On 27 September 2022, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension), Dr.YSRHU-KVK, Periyavaram distributed critical input Nandi Goatmin mineral mixture and Area specific mineral mixture under OFT on “Assessment of different mineral mixture supplements on growth performance in Goats” to the beneficiaries of Patrapalli village of Venkatagiri mandal.

On 20 September 2022, Dr. M. Harshitha, Scientist (SSAC), Dr.YSRHU-KVK, Vonipenta initiated OFT on “Organic cultivation in Banana for getting income” at Settivaripalli of Mydukur mandal. As a part of OFT bio-fertilizers *Azospirillum*, VAM, *Trichoderma harzianum* and PSB were provided to the beneficiary farmers. Dr. N. Srividya Rani, Scientist, Head, and Dr. S. Firoz Hussain, Scientist (Horticulture) attended the programme.



On 28 September 2022, Dr.M.Harshitha, Scientist, (SSAC), Dr.YSRHU-KVK, Vonipenta initiated OFT on “Assessment on the performance of Black gram variety TBG-129” at Dr.YSRHU -KVK, Vonipenta. As a part of this program Black gram seed (varieties: TBG-129 and GBG-1) were provided to the beneficiary farmers by Dr. N. Srividya Rani, Scientist, Head, KVK, Vonipenta.

Tribal Sub Plan

Dr.G.Ramanandam, Principal Scientist (Hort.) & Head along with Dr. Ch. S. Kishore Kumar, Senior Scientist (Pl. Path.) proceeded to Buttaigudem village conducted one day training programme on “Scientific management practices of Banana” and distributed tissue culture plants to 15 tribal farmers followed by field visit to Banana gardens observed sigatoka leaf spot and potassium deficiency symptoms and suggested suitable remedial measures.



Training Programmes

Dr.Ch.Ruth, Professor (Pl.Path.), Dr.YSRHU-CoH, Anantharajupeta attended a training programme as resource person on “*Disease Management in Mango in Flowering and Fruiting Stage*” organized by Department of Horticulture, and Farmers Produce Organization (FPO), Chittoor on 30 September 2022.



Dr. A.V.D. Dorajee Rao, Prof (Hort.), Dr.YSRHU-CoH, Venkataramannagudem conducted one day training programme for the workers of Ornamental Landscape Unit at Sri Satyadeva Nursery, Kadiapulanka on 17 September 2022.

On 28 September 2022, Dr.YSRHU-KVK, Venkataramannagudem conducted training program on “Housing management in poultry rearing”. In this, Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) explained about different types of housing systems, feeder, water and brooding management. Distributed layer cage systems to farmers under TSP and ARYA schemes for housing of birds and to protect birds from predators and extreme adverse climatic conditions. In this Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science) KVK, Venkataramannagudem participated.



On 27 September 2022, Dr.YSRHU-KVK, Venkataramannagudem, Virtual Farmers Training Center and Farmers Advisory Cell of Dr YSRHU organized one day online training programme on “Macro, micro nutrient management in horticultural crops”. In this training programme discussed about importance of macro and micro nutrients, their deficiency and management in horticultural crops.



On 17 September 2022, Dr.YSRHU- KVK, Venkataramannagudem, conducted training programme on “Bio fortification” to farmers of Natural farming and Anganwadi teachers from Tadepalligudem and Nallajerla clusters. Dr K. Venkata Subbaiah, Scientist (Horticulture) and Dr K Venkata Sathish, Scientist (Horticulture) addressed the gathering about nutritional problems. Dr. M. Raghavendra

Reddy, Scientist (SS&AC) explained the importance of bio fortified food to achieve nutritional security and co-ordinated the programme.

On 24 September 2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta conducted training programme on “Training and pruning in mango” to the farmers and explained about training the plants in the initial stages to give proper shape to the plants. Dr. N. Srividya Rani, Scientist and Head, KVK, Vonipenta, Dr. M. Harshitha, Scientist (SSAC) and Dr. B.S. Kanthi Sri, Scientist (Home Science) also participated in the training programme.



On 21 September 2022 Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram conducted awareness programme on “Vegetables Cultivation Practices” at ZP School, Dacheruvu village, Venkatagiri Mandal, Tirupati (Dt.) association with Srinivasa Seva Trust (NGO Organization) and explained about different vegetable crops importance and their cultivation practices. VAS, Venkatagiri, AHA, Venkatagiri, Agronomist, VDO from Srinivasa Seva Trust and farmers participated.



On 23 September 2022, Dr.YSRHU-KVK, Periyavaram conducted a training programme on “Pest and Disease Management in Acid lime” at Arimanupadu (adopted village), Ojili Mandal, Tirupati (Dt.) and explained about different pest and diseases causes and their control measures in Acid lime. Volunteer, VHA (Arimanupadu) and farmers participated. Dr.D.Thirupal, Scientist (Horticulture) coordinated the programme.

gramme.

On 29 September 2022, Dr.B.Vijayasree, Scientist (Home Science), Dr.YSRHU- KVK, Periyavaram participated as resource person in the Convergence meeting of SERP on Village level Poverty Reduction Program (VPRP) to the VOAs & SHG members at Sthree Shakthi Bhavan, Venkatagiri. Enlightened Women on Skill development & Entrepreneurship development programs of KVK, Periyavaram on Jute bag making, Moringa based millet biscuit making & Fruit toffee making for income generation and livelihood promotion.



On 23 September 2022, P Raja Sekhar, Scientist (SS&AC), Dr.YSRHU-KVK, Pandirimamidi attended as resource person to the training programme on “Best management practices in horticultural crops” organised by ITDA, Rampachodavaram at Chavitidibbalu village of Y.Ramavaram mandal. PHO, ITDA, Rampachodavaram, MPDO, Y.Ramavaram mandal, VAAs, vil-

lage sarpanch and 73 farmers have attended the programme.

On 24 September 2022, Dr.YSRHU-KVK, Pandirimamidi conducted an awareness programme on “Natural Farming” at Munjidugula village of Rampachodavaram mandal as part of the initiation of the project on outscaling of natural farming under RKVY as per the guidelines given by ICAR-ATARI, Hyderabad. Dr. P. Lalith Kameswari, Principal Scientist & Head interacted with farmers regarding objectives of the project and for preliminary selection of beneficiaries and village in order to implement the above said project and also participated in the inauguration of NPM shop under natural farming. In this programme, KVK Scientist (SS&AC), MAO, VAAs, village sarpanch and 35 farmers have attended.



Dr.YSRHU-KVK, Pandirimamidi conducted 3 days skill development training programme on “Preparation of value added products of fish and prawn” from 28-30 , September, 2022. In this training programme preparation of prawn pickle, fish spirals, fish papads, fish cutlets and fish fingers were demonstrated. 30 tribal women were participated and the programme was coordinated by K.Veeranjaneyulu, Scientist (Fisheries).



From 19 to 23 September 2022,. Dr.YSRHU-KVK, Pandirimamidi conducted five days skill development training program on Bee-keeping. The program was inaugurated by Sri. Chittibabu, Project Horticulture officer, ITDA, Rampachodavaram. Dr.P.Lalita Kameswari, Principal scientist and Head, KrishiVigyan Kendra Pandirimamidi explained about role of bees in improving crop yields and entrepreneurship development program. In practical sessions handling of bees, appliances required for starting beekeeping, crops that act as pollen and nectar sources, honey, bee wax extraction were demonstrated as part of the program. Dr. K. Rajendra Prasad, Senior Scientist &Head, HRS, Pandirimamidi participated and interacted with trainees in valedictory session on 23.09.2022. 25 trainees and AO, Rampachodavaram attended the program. Dr.S.Adarsha Scientist (Entomology), Dr.YSRHU-KVK, Pandirimamidi coordinated the program. Dr.T.Kranthi Kumar Scientist (Horticulture) and J.Bhavan Krishna, Master trainer also acted as resource persons during the training program.

On 17 September 2022, KVK, Pandirimamidi, organized campaign on Poshan Abhiyan in collaboration with IFFCO under chairman ship of Dr.P.Lalitha Kameshwari, Principal Scientist & Head, KVK, Pandirimamidi. She briefed about the Poshan Abhiyan scheme and advised farmers on the nutri kitchen garden, good management practices in raising vegetable crops. Sri Chittibabu, Project Horticultural Officer, ITDA, Rampachodavaram attended as chief guest for the program. He stressed the importance of nutri kitchen and how these kitchen garden reduce the expenditure spent on household consumption. He lauded the KVK efforts in agency region.



Dr.T.Kranti Kumar, Scientist (Horticulture) conducted one hour session on planning the nutri kitchen garden and good management practices for better yields. Women farmers who have previous experience in nutri kitchen garden shared their views and interacted with Scientists. Followed by distribution of seed kits, acid lime and dragon fruit saplings to 112 women farmers. Anganwadi Teachers, sector supervisor of ICDS, IFFICO field supervisor Mr.Mahesh, KVK Scientists and staff attended the program.



On 20 September 2022, Dr.YSRHU- KVK Pandirimamidi organised “Capacity building program for farmers on farmer’s interest groups and farmer’s producer’s organisation” coordinated by Dr R. Praveen, Scientist (Agri extension) at Kakavada village of Rampachodavarm. 46 farmers attended the training program.

On 20.09.2022, Dr. N. Srividya Rani, Scientist and Head, Dr. M. Harshitha Reddy, Scientist (SSAC) and Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta, conducted a training programme on INM and IPDM to the farmers of Settivaripalli village of Mydukur mandal. Scientist (Horticulture) explained the farmers about package of practices, spraying of Keleol (mineral oil) and spraying of Tilt @ 1.5 ml litre⁻¹ + Dithane M – 45@ 1.5 g litre⁻¹ to control sigatoka leaf spot in banana cv. Grand Naine. Scientist (SSAC) explained the farmers about the application of manures and fertilizers for the growth and development of banana.



On 24 September 2022, Dr.Srividya Rani N, Scientist and Head (Extension) Dr. M. Harshitha, Scientist (SSAC), Dr. S. Firoz Hussain, Scientist (Horticulture) and Dr. B.S. Kanthisri, Scientist (Home science), Dr.YSRHU-KVK, Vonipenta conducted training program about package of practices in black gram. Dr.M.Harshitha explained the farmers about the black gram varieties suitable for Mydukur area and the pest and disease management in black gram. Dr.Srividya Rani N interacted with the farmers regarding the planting of marigold on bunds and placing of yellow and blue sticky traps to prevent the thrips and white fly infestation. Dr. S. Firoz Hussain explained the farmers about pruning in Mango. Dr. B.S. Kanthisri, encouraged the farmers regarding the intercropping of millets along with pulses for higher benefits.

On 28 September 2022, Dr.YSRHU-KVK, Vonipenta conducted training programme on “Value-addition to millets” at Somiredypalli village of B. Matam mandal. Dr. N. Srividya Rani (Scientist & Head, KVK-Vonipenta) addressed farmers and farm women and advised to include millets in their diet and assured KVK technical support to interested women groups to start millet biscuit making. Dr. M. Harshitha (Scientist, SSAC) addressed farmers and gave nutritional information on finger millet. Dr. B.S. Kanthi Sri organized the training programme. She explained about the importance of millets in daily diet and how value-added products of millets like cakes, noodles, pasta, biscuits, etc., attracting new generations. She trained women on preparation of ragi idli, ragi leaf cakes, ragi biscuits. She collected feedback from the women on training programme. 30 women farmers attended training programme.



On 18 September 2022, Dr.B.Pratap, Senior scientist (Agronomy) & Co-ordinator , CRS Petlur along with RHWEP students of College of Horticulture, DrYSRHU, Chinalatarapi created awareness on natural farming and conducted method demonstration on role of bio-fertilizers in improving the plant growth and health by maintaining sustainable environment. Students further explained the availability of different biofertilizers and application methods and dosages in horticultural crops.

Method Demonstrations



On 18 September 2022, Dr.B.Pratap, Senior scientist (Agronomy) & Co-ordinator , CRS Petlur along with RHWEP students of College of Horticulture, DrYSRHU, Chinalatarapi created awareness on natural farming and conducted method demonstration on role of bio-fertilizers in improving the plant growth and health by maintaining sustainable environment. Students further explained the availability of different biofertilizers and application methods and dosages in horticultural crops.

On 24 September 2022, Dr.Srividhya Rani N, Scientist and Head (Extension), Dr. M. Harshitha, Scientist (SSAC), Dr. S. Firoz Hussain, Scientist (Horticulture) and Dr. B.S. Kanthi Sri, Scientist (Home science), Dr.YSRHU-KVK, Vonipenta conducted method demonstration on seed treatment in Black gram. For the seed treatment Imidacloprid @ 50 ml of and Carbendazim @ 25 gms mixed with 10 Kg of Black gram seed is used to prevent pest and disease infestation up to 25-30 days after sowing. Later scientists provided 10 Kg of Black gram seed to the beneficiary farmers under CFLD Pulses for the year 2022-23.



National Campaign on Poshan Abhiyan and Tree Plantation

Dr.YSRHU - KVK, Periyavaram, Dr.B.GovindaRajulu, Principal Scientist & Head & Dr.B.Vijayasree, Scientist (Home Science) organised National Campaign on Poshan Abhiyan and Tree Plantation on 17 September 2022 in collaboration with IFFCO, ICDS, Dept.of Women and Child Development & Dept. of Forest, Venkatagiri. As part of this programme all the participants viewed the telecasted message of honorable Central Minister of Agriculture & Family Welfare Sri.Narendra Singh Tomar in the first session later Created awareness on Nutrigarden, Bio-fortified varieties, importance of Nutri cereals and their role on human health and distributed nutri seed packets of vegetables and saplings of fruit and agro-forestry tree plants to farmers and farm women & Anganwadi teachers. Value added products of millets prepared by



ICDS functionaries distributed to the participants. In this programme Assistant Director Agriculture Horticulture Professor, Chinalatrapi, Prakasam dist. Deputy Range officer, Forest dept. ICDS - CDPO, Supervisors, KVK Scientists Dr.D.Tirupal (Horticulture) & Dr.P.Nagarjuna Reddy (Agrl.Extension), AW teachers, Farmers and Women, a total of 122 members participated.

On 17 September 2022, Dr.YSRHU-KVK, Vonipenta conducted National campaign on Poshan Abhiyan and Tree Plantation programme at KVK, Vonipenta. Miss. Kethura Lamb, District coordinator (SBCC) Cuddapah was the chief guest of the programme. She addressed the farmers and advised to share all the necessary information whatever



they learnt from this meeting. ICDS supervisor Smt. Suguna also addressed the group and explained about nutrient requirements of women and adolescent girls. Dr. M.Harshitha, Scientist (SSAC) welcomed all officials and farmers. Dr. B.S. Kanthi Sri, Scientist (Home Science) organized the programme and explained about

the bio-fortified crops and value-added products of millets and importance of millets in daily diet plan. Dr. S. Firoz Hussain explained about the objectives of Poshan maah programme and importance of fruits and vegetables in our diet. Miss. Kethura distributed seed kits and acid lime saplings to the farmers under the programme. 96 farmers and farm women attended the programme. Dr. Lavanya RA (Veterinary Science) addressed the farmers on Milk importance in our diet and said vote of thanks to all the Participants, IFFCO and ICAR. Anganwadi teachers arranged nutri recipe display.

Diagnostic Visits

On 16 September 2022, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU-KVK, Venkataramannagudem visited natural farming unit of Mr Ratnaji along with participants of "Organic farming" certification course. Dr M. Raghavendra Reddy explained the importance of integration of farming system to multiply the income by using the waste from one component as input for other component. Mr Ratnaji, Master trainer, natural farming explained about his farm as a unit with various components and their benefits.



On 27 September 2022, Dr. N. Srividya Rani, Scientist and Head, KVK, Vonipenta and Sri.G.Sandeep Naik, Scientist (Pl.Pathology) from HRS, Anantharajupeta conducted diagnostic visit in Sweet Orange at Atluru village of Badvel mandal. Observed sucking pest complex and dry root infestation in Sweet orange and suggested the farmer for suitable control measures to be followed.

On 28 September 2022, Dr. N. Srividya Rani, Scientist and Head and Dr.M.Harshitha, Scientist, (SSAC), Dr.YSRHU-KVK, Vonipenta conducted diagnostic field visit in Castor field at Somireddypalli village of B.Matam mandal. Scientists observed that the crop is at harvest stage and also noticed the incidence of Tobacco caterpillar in the field and suggested to spray Acephate @1.5 g/l or profenophos @ 2ml/l for the control.



On 26 September 2022, Dr. N. Srividya Rani, Scientist and Head, KVK, Vonipenta and Sri.G.Sandeep Naik, Scientist (Pl.Pathology) from HRS, Anantharajupeta conducted diagnostic field visit in Pomegranate orchard at Lingaladinne village of Porumamilla mandal. Scientists observed wilt infestation and suggested the farmer to drench with Propiconazole @ 2ml/litre or Chlorpyrifos @ 4ml/litre mixed with one litre water or application of *Trichoderma viride* near the plants @ 250 gm per plant mixed with FYM before wilt incidence.

Dr. K. Umamaheswara Rao, Senior Scientist (Hort.) & Head, Dr.YSRHU-CRS, Bapatla visited the Anapanenivarigudem and Kalrayunigudem villages of Lingapalem Mandal West Godavari district for inspecting cashew area expansion programme under SCSP, sponsored by ICAR- DCR, Puttur on 20 September 2022.

On 30 September 2022, Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) and Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), Dr.YSRHU-KVK, Venkataramannagudem conducted LSD vaccination to native cattle against Lumpy Skin Disease incidence at Venkataramannagudem village, Tadepalligudem mandal in coordination with Department of Animal Husbandry, Tadepalligudem.



On 27 to 29 September 2022, Dr. Daliyamol Scientist (plant pathology) CPCRI, Kasargod and two SRFs from CPCRI along with Dr. V. Govardhan rao, Scientist (plant pathology) proceeded to roving survey to record the Ganoderma wilt incidence and also for collection of ganoderma samples from the surveyed villages of Dr. BR Amdekar Konaseema district, Eluru, West Godavari and East Godavari districts.

On 20 September 2022, Dr. N. Srividya Rani, Scientist and Head, Dr. M. Harshitha Reddy, Scientist (SSAC) and Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta conducted a diagnostic field visit in onion at Machugaripalli village of Mydukur mandal. The scientists observed the crop was in harvesting stage and suggested the farmer to harvest the onion without causing any damage to the onion crop and also precautionary measures to be followed during harvesting.



On 20 September 2022, Dr. Srividya Rani N, Scientist and Head (Extension), Dr. M. Harshitha, Scientist (SSAC), Dr. S. Firoz Hussain, Scientist (Horticulture) conducted diagnostic field visit at Settivaripalli village of Mydukur mandal. Scientists observed Sigatoka leaf spot disease in banana and suggested to spray Propiconazole @ 2ml per litre and 10 ml of mineral oil for the control of disease.

On 26 September 2022, Dr. N. Srividya Rani, Scientist and Head, KVK, Vonipenta and Sri.G.Sandeep Naik, Scientist (Pl.Pathology), Dr.YSRHU-HRS, Anantharajupeta conducted diagnostic field visit in Guava orchard at Mallepalli village of B.Matam mandal. Scientists observed fruit fly infestation, Nematode infestation and Anthracnose in Guava. Suggested the farmers to go for installation of Methyl eugenol traps @ 6-8 per acre for fruit fly control, application of 250 gms Neemcake and *Paecilomyces lilacinus* @ 25 g/ tree or Carbofuran granules @ 60 g/tree for nematode control and COC @ 3 g/l or Carbendazim @ 1 g/l in an interval of 15 days for control of Anthracnose leaf spot.



Phone-in-Programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following Phone-in-Programs during the second fortnight of September, 2022 (3-4 PM).

Date	Topics
16.09.2022	జామ తోటల్లో పాటించవలసిన మేలైన యాజమాన్య పద్ధతులు డా.ఎం.ముత్యాల నాయుడు, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, దర్శి
17.09.2022	అనాసపండు సాగులో పద్ధతులు శ్రీమతి సిహెచ్.బిందు, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, చింతపల్లి
19.09.2022	సామజిక పోషణ తోటల పెంపకం-విధివిధానాలు డా. ఇ . కరుణ శ్రీ, ప్రధాన శాస్త్రవేత్త & హెడ్, కె. వి. కె, వెంకటరామన్నగూడెం
20.09.2022	వివిధ ఉద్యాన పంటలలో సూక్ష్మపోషకాల లోపాల గుర్తింపు మరియు నివారణ శ్రీ.పి.రాజశేఖర్, శాస్త్రవేత్త, కె.వి.కె, పందిరిమామిడి
21.09.2022	చింత రకాలు-యాజమాన్యం శ్రీమతి బి.విమల, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, అనంతపురము
22.09.2022	మామిడిలో పిందె/కయ దశలో యాజమాన్యం డా.కె.టి.వెంకటరమణ, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, అనంతరాజుపేట
23.09.2022	అరటి సాగు-మేలైన యాజమాన్య పద్ధతులు డా.టి.సుశీల, సీనియర్ శాస్త్రవేత్త & హెడ్, అరటి పరిశోధన స్థానం, పులివెందుల
24.09.2022	కొబ్బరి తోటలలో ఎరువుల యాజమాన్యం మరియు పోషక లోపాలు శ్రీ ఎ.కిరీటి, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, అంబాజీపేట
26.09.2022	చీని, నిమ్మలో పూత /పిందె దశలో యాజమాన్యం డా.ఎల్.ముకుందలక్ష్మి, సీనియర్ శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, తిరుపతి
27.09.2022	మేలైన యాజమాన్య పద్ధతుల్లో ఖరీఫ్ కూరగాయల సాగు కె.వెంకట సుబ్బయ్య, శాస్త్రవేత్త, కె. వి. కె, వెంకటరామన్నగూడెం
28.09.2022	జీవకంచెగా వాక్యాయ పెంపకం మరియు యాజమాన్యం పద్ధతులు డా.కె.రాజేంద్ర ప్రసాద్, సీనియర్ శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, పందిరిమామిడి
29.09.2022	గొర్రెలు మరియు మేకలలో వచ్చే వ్యాధులు మరియు వాటి నివారణ చర్యలు డా.ఎస్.లావణ్య, రీసెర్చ్ అసోసియేట్, కె.వి.కె, వోనిపెంట
30.09.2022	చేపలు & రొయ్యల పెంపకంలో మేలైన యాజమాన్య చర్యలు డా.ఎ.దేవివరప్రసాద్ రెడ్డి, శాస్త్రవేత్త, కె.వి.కె, వెంకటరామన్నగూడెం

“Udyana Vani” programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following “Udyana Vani” Programs during the second fortnight of September, 2022.

Date	Topics
16.09.2022	టమాట మరియు మిరప సాగులో మెళకువలు
17.09.2022	ఆగాకర సాగులో మెళకువలు; వాతావరణ సూచనలు
19.09.2022	చిక్కుడు సాగులో మెళకువలు
20.09.2022	తీగజాతి కూరగాయల సాగులో మెళకువలు
21.09.2022	బంతి సాగులో మెళకువలు
22.09.2022	కొబ్బరిలో సమగ్ర పోషకాహార యాజమాన్యం
23.09.2022	ఆహార పదార్థాల నాణ్యతలో తీసుకోవలసిన జాగ్రత్తలు
24.09.2022	ఆయిల్ పామ్ సాగులో సస్యరక్షణ చర్యలు
26.09.2022	జామ సాగులో యాజమాన్య పద్ధతులు
27.09.2022	చిలగడదుంప నారుమడి యాజమాన్యం
28.09.2022	దానిమ్మలో చేపట్టవలసిన యాజమాన్య పద్ధతులు
29.09.2022	చీని, నిమ్మ సాగులో యాజమాన్య పద్ధతులు
30.09.2022	సెఫ్టెంబర్ మాసంలో వివిధ ఉద్యాన పంటలలో చేపట్టవలసిన పనులు, సూచనలు; వాతావరణ సూచనలు

Technical support to RBK Channel

Following Scientists of Dr YSRHU are deputed for recording technical content at Integrated Call Centre, Gannavaram through RBK Channel during the second fortnight of September, 2022.

Date	Topic	Scientist Name
19.09.22	పసుపులో పోషక లోపాలు – సమగ్ర యాజమాన్యం	Dr.B.Tanuja Priya Sr.Scientist, Dr.YSRHU-HRS, Lam
16.09.22	మిరప నాట్లకు దుక్కి చేసి పొలం తయారు చేయుట మరియు తోటలలో ఖాళీలను పూరించుట మరియు సమగ్ర ఎరువులు – సాగు నీటి యాజమాన్యం	Dr.A.Rajani, Sr.Scientist (Hort.), Dr.YSRHU-HRS, Lam
23.09.22	అరటిలో అంతర పంటలు, సమగ్ర కలుపు యాజమాన్యం అంతర సేద్యం మరియు పోషక లోపాలు – సవరణ	Dr.K.Ravindra Kumar, Scientist (Horticulture), Dr.YSRHU-HRS, Kovvur
30.09.22	కనకాంబరంలో సమగ్ర సాగు యాజమాన్యం	Dr.P.Lalitha Kameswari Principal Scientist & Head, Dr.YSRHU-KVK,Pandirimamdi

Radio Talks

Dr.K.Ravindra Kumar, Sr. Scientist (Hort.), Dr.YSRHU-HRS, Kovvur given interview on “Pandlu, kooragayala thotallo adhikavarshala prabhavam-teesukovalasina jagrattalu” at All India Radio, Vijayawada on 27 September 2022.

Meetings

Dr.Y.Kavya, Scientist (Microbiology), Dr.YSRHU-HRS, Lam attended webinar on “Purification method development consideration for peptide - India” organized by e-learning phenomenex, Hyderabad on 19 September 2022.

Dr. A. Radhika Ramya, Scientist (GPBR), Dr. J. Phani Kumar, Scientist (Hort.) and Dr.Y. Kavya, Scientist (Microbiology), Dr.YSRHU-HRS, Lam attended global connect series on “ Molecular physiological aspects of Carnberry and Gojiberry” by Dr. Jyostna Mura organized by Dr.YSRHU, in collaboration with University of Winsconisn- Madison- USA on 26 September 2022.

Dr.C.Venkata Ramana, Senior Scientist (Hort.), Dr.YSRHU-HRS, Lam attended District Agri-Advisory Meeting at District Collectorate and presented the issues related to chilli cultivation on 16 September 2022.

Dr. T. Nagalakshmi, Senior Scientist (Pl. Path) HRS, V.R.Gudem participated 12 days training programme on “On-farm Production of Bio control agents and microbial Biopesticides” from 12th to 23rd September, 2022 at NIPHM campus, Hyderabad.



Dr. P. Sunitha, Senior Scientist (Ento.), HRS, V.R.Gudem participated in the Technical screening committee meeting and discussed agenda items organized by APMAPB (Andhra Pradesh medicinal and Aromatic Plants Board), Vijayawada on 26 September 2022 at Auditorium of Siddhartha academy, Mogalrajapuram, Vijayawada.

Scientists of Dr.YSRHU-HRS, Ambajipeta participated in the 31st Annual group meeting held at CPCRI, Kasargod from 16 to 19 September 2022 and presented the progress of technical workdone report pertaining to Horticulture, Entomology and Plant Pathology for the year 2020-2021 and technical programme of the work for the year 2021-2022.



Dr. B. Ramesh Babu, Senior Scientist (Hort.) HRS, V.R.Gudem attended interaction meeting with stakeholders of Agri.& allied sectors i.e. farmers, Scientists, officials of Irrigation, Agriculture & Cooperation, Fisheries, Horticulture, Animal Husbandry, Civil Supplies under the Chairmanship of the District Collector West Godavari district at Collectorate office, Bhimavaram on 23 September 2022. During this meeting District Joint Collector and State Agriculture Commission Chairman addressed the problems of farmers of West Godavari and discussed about issues related to agriculture, fisheries and Horticulture.

Dr.E,Karuna Sree, Principal Scientist & Head, Dr.YSRHU-KVK, V.R.Gudem and Director of Extension participated in the Interface with Award winning KVKs “Building of Success” conducted by ICAR-CAU, Barpani from 28 to 30 September 2022 as National Awardee KVK Head and presented the significant activities lead to win the award at National Level. Interacted with about 40 awardee KVK Heads from all the states across the country as cross learning experience.



Dr.E.Karunasree, Principal Scientist & Head, Director of Extension, Dr.YSRHU, Venkataramannagudem delivered oral presentations entitled “Terrace Kitchen Gardens for Household Nutritional Security in semi- urban areas of West Godavari District of Andhra Pradesh” and “Dr.YSRHU – Technical Support to Dr.YSR Rythu Bharosa Kendras (RBKs) – Transfer of Technology in Horticulture and Allied Sectors in Andhra Pradesh”, Dr.V.Deepthi, Scientist (Agricultural Extension) Dr.YSRHU-KVK, Venkataramannagudem delivered oral presentation on “organic crop management practices on growth and yield of sesamum under cluster demonstration on oilseeds in west Godavari district of Andhra Pradesh” and Dr.A.Devivaraprasad Reddy, Scientist, KVK Venkataramannagudem delivered oral presentations on “Aquaculture Based Integrated Farming Systems for Augmenting Farmers Income” & “Demonstration of Area Specific Mineral Mixture supplementation on production performance of dairy animals in West Godavari district of A.P.” during 4th International conference on Global Efforts on Agriculture, Forestry, Environment and Food Security at Institute of Forestry, Tribhuvan University, Pokhara,



Visits

Dr. Mohana G.S. Principal Scientist (Genetics and Plant Breeding) and PC Cell In charge, AICRP on Cashew, ICAR- DCR, Puttur visited Dr. YSRHU- CRS, Bapatla on 25 September 2022 and reviewed the progress of research work carried out at Bapatla centre. Further, visited the farmers cashew field at Ramapuram village of Vetapalem Mandal, Bapatla district, where farmer growing cashew in sea coast by using water by digging ponds to a depth of 10 feet.



Sixty five 2nd year B.Sc (Hons.) students from NS college of Horticultural Sciences, Gobburu, Prakasam Dist., visited Dr.YSRHU-HRS, Kovvur and the Scientists of HRS, Kovvur explained the production and protection technologies of banana and briefed the ongoing research activities during the field visit.

Input dealers (38 no.s) from Bhimavaram visited Dr.YSRHU-HRS, Kovvur under DAESI programme on 17 September 2022. Dr. G. Ramanandam, Principal Scientist (Hort.) & Head, Dr. K. Ravindra Kumar, Senior Scientist (Hort.), Dr. A. Snehalatha Rani, Scientist (Pl. Path.) and Dr. M. Viswanath, Scientist (Hort.) of HRS, Kovvur briefed the ongoing research activities during the field visit and imparted training through PPT's on Scientific management practices for banana including plant protection technologies and tissue culture production techniques.



Students of B.Sc. (Hort.), NS College of Horticultural Sciences, Markapur visited HRS, Lam on 17 September 2022 as an exposure visit. Dr. J. Phani Kumar, Scientist (Hort.) explained the ongoing research activities of HRS, Lam and showed the chilli nurseries and turmeric field at HRS, Lam.

On 16 September 2022, Dr.B.M.K.Reddy, Chairman, Andhra Pradesh State Bio-diversity Board visited Dr.YSRHU-KVK, Pandirimamidi and interacted with the Scientists & staff discussed about plant diversity in the region and modalities for future collaboration in the areas of bio-diversity. Dr.B.M.K.Reddy along with associate observed the KVK instructional .



Awards

Dr. B. Srinivasulu, Principal Scientist & Head, Dr.YSRHU-HRS, Ambajipeta received “Best Extension Scientist Award”, Dr.E.Karunasree, Principal Scientist & Head received “Best KVK Scientist Award”, Dr.V.Deepthi, Scientist (Agricultural Extension) & Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), Dr.YSRHU-KVK, Venkataramannagudem received “Young Scientist Awards” during 4th International conference on Global Efforts on Agriculture, Forestry, Environment and Food Security at Institute of Forestry, Tribhuvan University, Pokhara, Nepal, during 17th -19th September 2022



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