



Dr YSRHU e-Newsletter

Fortnightly e-Newsletter of Dr Y.S.R.Horticultural University



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Dr YSRHU e-Newsletter

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From Vice-Chancellor's Desk

A Good teacher is always true inspiration with all his wisdom and generosity have lit up a bright light of hope in their students hearts. Teacher proves that, the ordinary student can dream and achieve extraordinary things in the life.

Dr.YSR Horticultural University is proud to have the most efficient teaching faculty, who play a crucial role, in moulding the future generations in general and the status of Horticulture in particular. The students of all the colleges under Dr.YSRHU, to show their love, affection and gratitude celebrated the Teachers Day on 5 September on the auspicious occasion of Dr.Sarvepalli Radhakrishan's birth anniversary. On this special day in Dr.YSRHU campus conducted a Student-Teacher congregation at Dr.YSRHU-CoH, Venkataramanangudem in convergence with "Lions Club", Tadepalligudem and inspired students about special focus on Horticulture education and research for the prosperity of farm families in Andhra Pradesh and greeted the teaching faculty of Dr.YSRHU-CoH, Venkataramanangudem.

On this auspicious occasion, I take this opportunity to thank all my teachers who inspired and guided me in my endeavours and also all the teaching fraternity for their selfless services in sculpturing the succeeding generations.

HAPPY TEACHERS DAY TO ALL


Dr T.Janakiram
Vice-Chancellor

The Events

Inauguration

Hon'ble Vice-Chancellor Dr.T.Janakiram inaugurated the Mushroom Culture Unit and Virtual classroom at Dr.YSRHU-CoH, Venkataramannagudem on 8 September 2022. Further, Hon'ble Vice Chancellor Dr T. Janakiram participated and addressed the gathering as chief guest of the Success meet on ICAR-NAEAB Accreditation to the College of Horticulture, Venkataramannagudem with Grade-A for the period from 28th March, 2021-27th March, 2026. All the university officers graced



the occasion. Appreciation certificates were presented to the staff by the Hon'ble Vice Chancellor Dr T. Janakiram and University officers for preparing of Self Study Report (SSR) of the college for submitting to the Accreditation committee. The event was supervised by Dr. M. Madhavi, Associate Dean. Students and Staff attended the programme.

Education

RHWEF Activities

Dr. Ch.Ruth, Professor (PI Path), Associate Dean representative of Dr.YSRHU-CoH, Anantharajupeta, along with RHWEF students from Dr.YSRHU-CoH, Anantharajupeta visited Biological Control Lab, Nandyal on 9 September 2022. The Agriculture Officers & bio-control lab in-charges explained about mass multiplication of bioagents, *Trichoderma*, *Pseudomonas* and Trichograma cards and their usage in Horticultural crops. Further they visited, National Seed Corporation, Nandyal. Sri Mohan Raj, Area Manager explained about seed processing and different classes of seeds. In this programme, RHWEF students of N.S.College of Horticultural Sciences, Markapur, Prakasam dist. allotted to Mahanandi area also participated.



Teacher's Day

Dr.YSRHU-CoH, Venkataramannagudem celebrated Teacher's day on 5 September 2022. On this occasion Dr T. Janikiram, Honb'le Vice-Chancellor was felicitated by the Lions Club, Tadepalligudem for rendering the valuable services to the farming community. Students, staff and Lions club members of Tadepalligudem participated in the programme.



Teacher's Day celebrations were conducted at Dr.YSRHU-CoH, Anantharajupeta on 5 September 2022 to commemorate the birth anniversary of Dr. Sarvepalli Radhakrishnan. Rich tributes were paid to him by garlanding his photo and offering flowers. While speaking on the occasion, Dr.K.Gopal, Associate Dean motivated the teachers and the students by sharing contributions and biography of Dr. Sarvepalli Radhakrishnan. Senior faculty members

shared the importance of Guru-Sishya relationship with the students. Debate and Elocution competitions were conducted and the winners were given prizes.

ELP Activities

On 5 September 2022, Dr. K.Gopal, Associate Dean, Sri.Venkatrama Raju, progressive farmer Rly Kodur, Dr.Ch.Ruth, Professor (Pl Path) and Dr.K.SwarajyaLakshmki, Prof (Horti) conducted demonstration on preparation of Jeevamrutham for applying to vegetable crops through soil drenching and as foliar spray to ELP 410 students, at Dr.YSRHU-CoH, Anantharajupeta .



Students of ELP 403 and module faculty Dr.K.Swarajyalakshmi and Dr.K.Eresh Kumar, attended the online training programme on “Entrepreneurship Development in Food Processing” 6-17 September 2022 by virtual mode, conducted by Federation of Andhra Pradesh Chmabers of Commerce and Industry (FAPCCI). Through this training students aquired knlowl- wedge on various aspects of project report preparation, method of procuring raw material, packaging, polices, schemes and branding of product.

Department of Post-Harvest Technology, Dr.YSRHU-CoH, Anantharajupeta has obtained Registration Certificate with registration number “20122021000959” under the brand name of “Swahasta” from Food Safety and Standard Authority of India (FSSAI), Government of Andhra Pradesh on 2 September 2022. Students sold the rasam and chicken masala powder with neat packaging material printed with registration number on it under the module of ELP -403.



Exposure Visits

Dr. V.N.P. Sivarama Krishna, Associate Professor (Fruit Sci.) and Dr. P. Avani, Assistant Professor (Fruit Sci.), Dr.YSRHU-CoH, Anantharajupeta, organized exposure visit to I year B.Sc. (Hons) Horticulture students to Citrus Research Station, Tirupati on 3 September 2022 as a part of their academic practical outline. Dr. L. Mukundalakshmi, Sr. Scientist, CRS, Tirupati and Dr. T. Rajasekharam, Scientist, CRS, Tirupati explained about different aspects related to citrus propagation, major threats faced in cultivation and varieties developed in Andhra Pradesh.



ఆయుర్వేద ఫార్మసీలో ఉద్యాన వర్కాబీ విద్యార్థులు

పండ్లగురించి తెలియజేసే సమీపంలోని డాక్టర్ వైఎస్ఆర్ ఉద్యాన విశ్వవిద్యాలయం విద్యార్థులు ఉత్తరవారిం శ్రీనివాస సముదాయం సమీపంలోని శ్రీనివాస ఆయుర్వేద ఫార్మసీని సందర్శించారు. ఆకర్షణీయమైన, సుగంధ మొక్కలను పరిశీలించారు. ఫార్మసీలో ఆయుర్వేద వస్తువులను గురించి ఫార్మసీ ఐచ్ఛిక ఫార్మసీలోని మొక్కలను పరిశీలించారు. విద్యార్థులు డాక్టర్ వారింపై రెడ్డి వారికి వివరించారు. తణుకుల మొక్కల విభాగంపై డాక్టర్ కె.ఎం.యవరాజ్ మాట్లాడుతూ ఉద్యాన విద్యార్థుల్లో నైపుణ్యాన్ని మెరుగుపరచేందుకు ఫార్మసీకి తీసుకువచ్చినట్లు తెలిపారు. ఈ కార్యక్రమంలో డాక్టర్ సుజాత, పండ్లమోహన్ రెడ్డి పాల్గొన్నారు.

On 9 September 2022, Second Year B.Sc (Hons) Horticulture students of Dr.YSRHU-CoH, Anantharajupeta were taken to TTD- Ayurveda Pharmacy Unit, Narasingapuram as a part of exposure visit. This visit helped students to gain knowledge on the medicinal herbs, how to prepare different formulations of medicines. This programme was coordinated by Dr. K.M Yuvaraj, Professor & Head,

Department of PSMA, Dr. G. Chandra Mohan Reddy, Assistant Professor (Horticulture), Dr.YSRHU-CoH, Anantharajupeta.

Exposure visit was conducted to second year students to Srivasa Ayurvedic Drugs manufacturing unit cum Pharmacy and Herbal Garden at Srivasa Mangapuram maintained by TTD, Tirupati on 12 September 2022. The students were accompanied by Dr. G. Thanuja Sivaram, Associate Professor, Dept. of PSMA. Dr.S.Sujatha, Professor & faculty-in-charge of Ayurvedic Pharmacy explained to the students about the functioning of different equipment used in manufacturing of different drugs.



NSS Activities

On the occasion of Teachers' Day, COVID-19 Vaccination Programme (Booster Dose) was organized by NSS Cell of Dr.YSRHU-CoH, Anantharajupeta on 5 September 2022. Teaching, Non-Teaching staff and Students made use of the camp.



Swachhata Hi Seva programme was conducted at Dr.YSRHU - CoH, Anantharajupeta from 1 to 15 September 2022. Dr.K.Gopal, Associate Dean, NSS programme Officers, Dr.Lalitha Kadiri, Dr.Y. Deepti Kiran, NSS volunteers, teaching and non-teaching staff actively involved in the campus cleaning programme.

Dr.K.Gopal, Associate Dean, Dr.YSRHU-CoH, Anantharajupeta, interacted with plant protection faculty and PG & PhD students on 5 September 2022 and suggested to improve practical teaching in the laboratory and to work towards academic excellence.



Research

World Coconut Day

On 2 September 2022, The World Coconut Day was organized with the theme "Growing Coconut for a Better Future and Life" at Dr. YSRHU - Horticultural Research Station, Ambajipeta. In this programme scientists explained in detail about the coconut cultivation practices, insect pests and disease management. In this programme Dr.B.Srinivasulu, Principal



Scientist & Head along with Scientist of HRS, Ambajipeta, Progressive coconut farmers from various FPO's, RHWEP students and Village Horticulture Assistants from Department of Horticulture participated. RHWEP students organized the exhibition on coconut varieties, hybrids, value added products, technology posters on pest and disease management and high density cropping system in coconut.

At Dr.YSRHU-HRS, Ambajipeta

- Experiment on demonstration of released coconut varieties in different agro-climatic regions revealed that, Kalpa Samrudhi recorded highest nut yield of 122.70 nuts/palm/year followed by Konkan Bhatye Coconut Hybrid-1 (99.50 nuts/palm/year) and Kalpa Pratibha (94.00 nuts/palm/year).
- Newly observed coccinellid beetles were sent for identification to taxonomist, ICAR-NRC, Banana.
- Identification of six potential PGPR isolates from Dual culture studies against *Phytophthora palmivora* in cocoa.

As a part of ICAR-AICRP on fruits, survey was carried out in Atluru mandal on sweet orange and acid lime gardens by Dr. L. Mukunda Lakshmi, Dr.Srinivasa Reddy, Senior Scientist (Ento), Dr. T. Rajasekharam, Senior Scientist (PP), Dr.YSRHU-CRS, Tirupati on 13 September 2022. Observed severe incidence of citrus yellow mosaic virus, citrus greening, phytophthora gummosis, moderate damage of greasy spot, snow scales and citrus psylla in acid lime and sweet orange.



Under ICAR-AICRP on fruits, Scheduled Caste-Subplan (SCSP) programme implemented by Tirupati Centre at Obulavara-palli mandal, on AICRP technology transfers in Banana namely, sigatoka disease management, enhancing banana bunch quality (spraying of SOP, bud injection with imidacloprid and use of banana bunch sleeves). The post inspection carried out by Dr.YSRHU - CRS, Tirupati Scientists on 13 September noticed that there was change in the fruit quality (fruits free from blemishes and thrips damage) and increase in fruit size (No. of Hands- 9-12; No. of fingers per hand -160-180 and Individual bunch weight:28-33 kg) as compared to farmers practice (No. of Hands- 9-11; No. of fingers per hand-140-160 and Individual bunch weight:22-26 kg) in cultivar Grand naine.

Extension Activities

Vice-Chancellor to Village Activities

On 13 September 2022, Dr. B. Srinivasulu, Principal scientist and Head, Smt. B. Neeraja, Scientist (Plant Pathology) and Sri. A Kireeti, Scientist (Hort.) proceeded to Thondavaram village as part of VC to village programme along with RHWEP students and created awareness on Horticulture, importance and growing of horticultural crops to the school children.



As a part of Vice-Chancellor to Village, a programme on Observance of Poshan Mah and International Literacy Day was conducted by NSS Cell of Dr.YSRHU-CoH, Anantharajupeta at the adopted village, Y.Kota on 8 September 2022. Dr.Ch.Ruth, Programme Coordinator, Dr.LalithaKadiri, Dr.Y.Deepthi Kiran and NSS volunteers visited schools at Y.Kota and explained the importance of millets, balanced nutrition, etc. to the students. Besides this, awareness programme on Literacy was conducted to the villagers.

Dr. C.Madhumathi, Principal Scientist (H) & Head, E. Khamdhar Naik, Scientist (H), Dr.YSRHU-CRS, Petlur conducted exposure visit to the farmers of Kurjagunta, Paruvolu and patrapalli of Venkatagiri mandal along with RHWEP students to Dragon fruit, custard apple and Jackfruit gardens on 6 September 2022 and explained about nutritional value and production technology of dragon fruit, custard apple and Jackfruit under VC to Village programme.



Scientists of Dr.YSRHU-HRS, Venkataramanangudem organized VC to village program in adopted village Pedatadepalli. Dr. T. Naga Lakshmi explained about the crucial role in the cultivation process of mushroom, as the activity is being done at homesteads of the households. Also shared that, mushroom cultivation is a profitable form of farming unlike traditional crops and vegetables. Also, intimated about the training provided by the KVK to the women on nutritional upliftment in the health. Dr.T.Thomson, Scientist (Hort.), Dr.N.V.Gowthem Deekshithulu Scientist (Agri. Engineering) and VHA, Smt. Madhu coordinated the program on 8 September 2022.

On Farm Trials

On 14 September 2022, Dr.T. Kranthi Kumar, Scientist (Horticulture), Dr.YSRHU-KVK, Pandirimamidi initiated OFT on “Introduction and assessment of new tomato hybrid Arka Abedh” at Rajampalem of Ganga-varam mandal and Irlapalli of Rampachodavaram mandal provided critical input tomato hybrid seed of Arka Abedh and Arka Samrat to the farmers under Tribal Sub Plan followed by technical discussion on cultivation aspects of Tomato.



On 2 September 2022, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU - KVK, Periyavaram visited the Ridge gourd fields as a part of OFT on “Assessment of Ridge gourd varieties (Arka Prasan and Arka Vikram)” at Petlur village, Venkatagiri Mandal, Tirupati district.

On 2 September 2022, Dr. S. Lavanya, Research Associate (Livestock production), and Dr. Srividya Rani, N, Scientist & Head, Dr.YSRHU-KVK, Vonipenta initiated OFT on “Assessment on performance of improved poultry breeds as dual purpose backyard poultry” for the farmers of Madirepalle village of Duvvur mandal. Provided 10 number of Vanashree chicks and 10 number of Rajasree chicks to each farmer and a total of 10 farmers were provided with chicks.



On 14 September 2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta conducted follow up visit on OFT “Assessment on performance of improved poultry breeds as dual purpose backyard poultry” at Madirepalle village of Duvvur mandal. Scientist observed the rearing, management practices of backyard poultry.

On 9 September 2022, Dr. Venkata Satish Kuchi, Scientist (Horticulture) and Dr M Raghavendra Reddy Scientist (SS&AC), Dr.YSRHU-KVK, Venkataramannagudem visited Okra field as part of follow-up visit of OFT at Prakashraopalem and diagnosed sucking pests and recommended yellow sticky traps and blue sticky traps to be placed in the field. Distributed yellow and blue sticky traps to farmer.



Field Day

On 3 September 2022, Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension), Dr.YSRHU-KVK, Periyavaram conducted Field Day on Groundnut variety Kadiri Lepakshi (K-1812) under CFLD Oilseeds (Summer) programme in Patrapalli village of Venkatagiri Mandal. Farmers expressed that the performance of the variety (K-1812) was excellent and the yield was recorded to be 10 q/acre. Dr.B.Govinda Rajulu, Principal Scientist (PP) and Head, KVK, Periyavaram suggested the farmer to keep the variety as seed for next season.



ICAR-SC Sub Plan

On 9 September 2022 Dr. Srividya Rani N, Scientist and Head (Extension) and Dr. M. Harshitha, Scientist (Soil Science), Dr.YSRHU-KVK, Vonipenta provided 200 Mango grafts to the beneficiary farmers under ICAR SC Sub plan at Lekkalavaripalli of Mydukur mandal.



On 9 September 2022, Dr. Srividya Rani, N, Scientist & Head, Dr. M. Harshitha, Scientist, (Soil Science), Dr.YSRHU-KVK, Vonipenta had visited Black Bengal Goats units under ICAR- SC Sub plan at Vonipenta village of Mydukur mandal. Scientists interacted with farmers and explained an overview on feeding, housing management of goat and general management *practices*.

Udyana Yatra

On 3 September 2022, KVK, Venkataramannagudem conducted exposure visit under 'Udyana Yatra' to tribal farmers from NGO Creators from remote areas of Rampachodavaram, Rajahmundry district. They visited all the demonstrations



units in the campus. Film show was shown, and then they were exposed to the demonstration units of KVK, HRS, CoH, PHTRS, COE, VRGudem on 3 September 2022. This programme was coordinated by Dr.YSRHU-KVK, V.R.Gudem.



Front Line Demonstrations

On 9 September 2022, Dr.S.Adarsha, Scientist (Entomology) and Sri K. Veeranjanyulu Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi visited Bhendi fields under FLD on “Demonstration of YVMV resistant bhendi hybrid CoBh4” at Irlapalli village of Rampachodavram mandal. Crop is at flowering stage. Observed Spodoptera and Leaf roller incidence. Recommended to spray neem oil @ 5ml/l or Chlorantraniliprole @0.3ml/l for reducing pest incidence.



On 9 September 2022, Dr.S.Adarsha Scientist (Entomology) and Sri K. Veeranjanyulu Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi visited Ridge gourd fields under FLD on “Integrated pest management in ridge gourd” at Pandirimamidi village of Rampachodavram mandal. Crop is at fruiting stage. Observed fruit fly incidence. Demonstrated and installed fruit fly traps for control of pest.

On 13 September 2022, Dr. T. Kranthi Kumar, Scientist (Horticulture), Dr. N. Chiranjeevi Scientist (Plant Pathology) and Dr. R. Praveen babu, Dr.YSRHU-KVK, Pandirimamidi conducted follow up visit to Tapioca fields at Mitlapalem village of Addategala mandal as a part of FLD on “Demonstration of Tapioca var. PDP CMR-1”. Scientist noticed crop at healthy vegetative stage and advised good agriculture practices in Tapioca.



On 13 September 2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) Dr. N. Chiranjeevi Scientist (Plant Pathology) and Dr. R. Praveen babu, Dr.YSRHU-KVK, Pandirimamidi conducted follow up visit to Ridge gourd fields at Rajampalem village of Gavgavaram mandal as a part of FLD on “Demonstration of high yielding Ridge gourd var. Arka Prasan”. Scientists observed good yield, fruit size and optimum returns to the farmer till date of

harvest.

On 10 & 13 September 2022, Dr.P.Nagarjuna Reddy, Scientist In-charge (Veterinary Science), Dr.YSRHU-KVK, Periyavaram distributed Sheepmin mineral mixture under FLD on “Demonstration of supplementing feed of growing lambs with mineral mixture” to the beneficiaries of Patrapalli and Arimenupadu villages of Venkatagiri and Ojili mandals respectively.



On 8 September 2022, Dr. S. Lavanya, Research Associate (Livestock production), and Dr. Srividya Rani, N, Scientist & Head, 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 FLD on Feed supplementation of Bypass fat in dairy animals at Adireddypalli village of Mydukur mandal. Explained that, immediately after calving, there is huge loss of energy from dairy animals through milk, but feed intake is reduced. Therefore, animals remain in

negative energy balances. Due to this fact, milk production, reproductive performances and body condition of animals are adversely affected. Bypass fat is rich source of energy. Besides, bypass fat is a good source of calcium. Thus, supplementation of bypass fat improves milk production, increases milk fat content, reproductive performances and body condition of animals.

On 8 September 2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU- KVK, Venkataramannagudem visited and identified farmers to initiate FLD on cowpea in Seethapagudem Village, Buttayagudem mandal and distributed seeds to farmers.



Tribal Sub Plan



Dr.G.Ramanandam, Principal Scientist (Hort.) & Head, Dr.YSRHU-HRS, Pandirimamidi proceeded to Fokspeta and Pedapadu villages of Rampachodavaram Mandal, East Godavari Dist. on 13 September 2022 for field survey and identification of tribal farmers under TSP programme. Also carried out field diagnostic survey for Banana pest and diseases and observed the incidence of sigatoka and bunch top

diseases in cv. Grand naine and mid infestation of fruit scaring beetle and suggested suitable remedial control measures.

Dr.YSRHU-KVK, V.R.Gudem distributed the fish feed to the tribal farmers under TSP technical programme on “Assessment of fish seed in enclosed structures” on 13 September 2022. In this program, Dr.A.Devivaraprasad Reddy, Scientist and Dr.T.Vijaya Nirmala, Scientist has participated and explained the importance of feed management for profitable aquaculture.



Technical Support to RBK - Thotabadi



Dr.Ch.Ruth, professor (Pl Path), Dr.K.Swarajya Lakshmi, Prof (Horticulture), Dr.K.Eresh Kumar along with MSc, Ph.D. (Pl. Path.) and BSc. Hons (Hort) 1 year, second semester students of Dr.YSRHU-CoH, Anantharajupeta visited adopted village, Y. Kota, Obulavaripalli (M) on 6 September 2022. They have conducted method demonstration on soil application of enriched *Trichoderma harzianum*, and observed panama wilt disease in Amruthapani variety of banana of farmer Bazaru Sri Hari under Thotabadi programme organized by Department of Horticulture. Panchayath Secretary, and VHA, RBK, Y.Kota along with farmers have participated in the programme.

Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has attended the Thotabadi on oil palm conducted by Dept. of Horticulture, Peddapuram on 7 September, 2022 at R.B.Patnamvillage.

Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has attended the Thotabadi on oil palm conducted by Dept. of Horticulture, Peddapuram on 7 September, 2022 at R.B.Patnamvillage.



Dr.YSRHU-CRS Petlur Scientists Dr.M. Kavitha, Senior Scientist (P.P) and Dr.B.Pratap, Senior Scientist (Agronomy) participated in Thota badi programme conducted by Dept of Horticulture at Marupuru village of Podalakur mandal on 1 September 2022 and conducted a demo on bordeaux paste and mixture preparation.



Training Programmes

On 6 September 2022, Dr V.Deepthi, Scientist (Agricultural Extension), Dr.YSRHU- KVK,Venkataramannagudem has conducted Group meeting with black gram farmers on improved black gram varieties at Nachugunta village, Unguturu mandal. Later on distributed the black gram seed, bio fertilizers, Neem oil, monocrotophos, yellow and blue sticky traps to farmers under cluster frontline demonstration on pulses under NFSM.



On 8 September 2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU- KVK, Venkataramannagudem conducted a training programme on “Foliar application of KNO_3 & $Mg SO_4$ on Cotton” in Duddukuru, BuattayaGudem mandal. Later, visited cotton fields and distributed fertilizer inputs for INM on Cotton.

On 09.09.2022, Dr M. Raghavendra Reddy, Scientist (SS&AC) and Dr Vijaya Nirmala KVK Scientist (Veterinary science), Venkataramannagudem, conducted awareness programme on Parthenium to the students of Government High School and participated in cleaning of school premises to encourage students. Dr M. Raghavendra Reddy, Scientist (SS&AC) explained the importance of cleaning in public places and adverse effect of Parthenium to children. Dr Vijaya Nirmala KVK Scientist (Veterinary science) explained the adverse effect of Parthenium to animal health.



Dr.YSRHU-KVK, V.R.Gudem conducted the training program on “Better Management Practices in Fish Farm”. In this program, Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science) explained the quality fish seed, seed stocking, feed management and disease management to the farmers on 13.09.2022. Dr.T.Vijaya Nirmala, Scientist (Vety Science) has explained about the importance of probiotics in health management.

On 2 September 2022, Dr. Venkata Satish Kuchi, Scientist, Dr.YSRHU-KVK, V.R.Gudem conducted training on “Cultivation and value addition of fruit crops” to the members of Creators NGO at seminar hall, KVK, Venkataramannagudem. In this training participants gained knowledge on various aspects of crop management practices and value added products.



On 5 September 2022, Scientists of Dr.YSRHU - HRS, Ambajipeta imparted training to 40 DAESI dealers from Marteru of West Godavari district on crop production, crop improvement, insect pests, diseases and their management and Mass multiplication of biocontrol agents.



On 13 September 2022, Scientists of Dr.YSRHU - HRS, Ambajipeta imparted training to DAESI dealers (70 members) of two mandals Jaggampet and Kothapeta of East Godavari district and Dr.B.R.Ambedkar Konaseema district on cultivation practices of coconut and biocontrol based management of pest and diseases.

On 13 September 2022, Scientists of Dr.YSRHU - HRS, Ambajipeta imparted training to 40 Farmers from Nellore district on the crop production, crop improvement, insect pests, diseases and their management and mass multiplication of biocontrol agents.

Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram attended as a resource person for the training programme on “INM & IPM in oil palm” conducted by Dept. of Horticulture, Peddapuram in collaboration with ATMA on 7 September, 2022 at R.B.Patnam village and explained about INM and IPM in oil palm and also visited oil palm fields and observed the damage due to Rhinoceros beetle and given the remedial measures and also attended the Thotabadi on oil palm conducted by Dept. of Horticulture, Peddapuram.



On 1 September 2022, Dr.S.Adarsha Scientist (Entomology), Dr.YSRHU-KVK, Pandirimamidi conducted off campus training program on Integrated pest and disease management in chilli at Doogutta village of Kunavaram mandal. Explained about use of insect proof nets in nursery for healthy seedlings production. Explained pest and disease that occur in nursery and mainfield and their management. Also explained about azosprillium to the farmers. Initiated demonstrations under ICAR-NCIPM chilli project with five selected farmers.

On 7 September 2022, Dr.S.Adarsha Scientist (Entomology) and Dr.K. Kranthi Kumar Scientist (Horticulture), Dr.YSRHU-KVK, Pandirimamidi attended a training programme as resource persons on “Cultivation of horticultural crops” organised by ITDA, Rampachodavaram at PMRC. Explained about cultivation practices including pest and disease management of brinjal, bhendi, ridge gourd and cashew crops.



On 9 September 2022, a training programme on “Nursery Management in Vegetable Crops” conducted by Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram and explained about nursery management practices in different vegetable crops *i.e.*, Chilli, Brinjal and Tomato. Dr. P. Nagarjuna Reddy, Scientist (Agricultural Extension) and Dr. B. Vijayasree, Scientist (Home Science), KVK, Periyavaram and farmers have participated.



On 13 September 2022, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted awareness training programme on e-NAM at RBK, Arimenupadu village, Ojili Mandal. Created awareness about e-NAM, process flow from registration to e-Payments and advantages for an FPO as a marketing strategy through e-NAM. Dr.D.Thirupal, Scientist (Horticulture) and Smt.Sarada, Horticulture Officer, Ojili Mandal participated in the programme.

the programme.

On 8 September 2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta attended the farmers training programme on “Nursery and its establishment” organized by Department of Horticulture, Kadapa at G.V. Satram Village, Mydukur Mandal, YSR Kadapa District. Explained about the cultivation of vegetables, control of insect pests and diseases in the nursery. Apart from this, the scientist explained the farmers about the nursery establishment and environmental factors influencing the nursery. District Horticulture Officer, YSR Kadapa District, Horticulture Officer, Mydukur and Village Horticulture Assistant and 18 farmers attended the meeting.



Dr.YSRHU-KVK, V.R.Gudem conducted the training program on “Disease diagnostics in fish culture and control measures”. Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science) explained the common diseases, disease identification in fish, and control measures, better management practices in fish farm on 1 September 2022. Dr.T.Vijaya Nirmala, Scientist (Vety Science) explained about the probiotics in health management in aquaculture.

explained about the probiotics in health management in aquaculture.

Diagnostic Visits

On 2 September 2022, Dr E Karuna Sree, Principal Scientist & Head, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU-KVK, Venkataramannagudem visited multi layered organic orchard (coconut-arecanut-banana & turmeric) in Chinnatadepalli. Dr E Karuna Sree suggested to grow live mulching with leafy vegetables to reduce the weed occurrence. Dr M. Raghavendra Reddy suggested to use groundwater recharge facility to improve water availability.



Dr. Ch.Ruth, Professor (PI Path), Dr. K.Swarajya Lakshmi, Prof (Horticulture), along with MSc, PhD (PI Path) students visited Y.Kota, adopted village and observed Panama wilt in banana, papaya ring spot virus & leaf curl virus in papaya in B.Srihari & M.Venkataiah fields and suggested control measures on 4 September 2022.



Dr.Ch.Ruth, Professor (PI Path), Dr. K.Swarajya Lakshmi, Prof (Horticulture), Dr. K.Eresh Kumar along with MSc, PhD (PI Path) and BSc. Hon (Hort) 1 year students visited adopted village Y.Kota, Obulavaripalli (M) on 6 September 2022. They have, observed different pests and diseases in brinjal, bhendi and tomato crops, interacted with farmers and suggested suitable remedial measures.

On 8 September 2022, Dr.Ch. Ruth, Professor (PI Path), Dr.K. Arunodayam and Dr.K.Swarajya Lakshmi observed rhizome rot disease incidence in banana field of Sri G.V.G.Reddy, in Papireddipalli (V)Obulavaripalli (M), Annamaiah dist. Drenching of copper oxy chloride @ 30g + 1 g of streptomycin sulphate in 10 L of water was suggested.



Dr.Ch. Ruth, Professor (PI Path), Dr.K.Arunodayam and Dr.K.Swarajya Lakshmi observed sucking pest and leaf spot incidence in chrysanthemum in the farmers fields of Sri Tirupal at Venkataredypalli village Kodur (M), Annamaiah dist. on 8 September 2022 and suggested to spray chlorothalonil @ 2g + Fipronil @ 2ml/l of water.

Dr. M.Kavitha, Senior Scientist, Dr.YSRHU-CRS, Petlur visited gummosis affected acid lime gardens at Brahmanapalli village of Dakkili mandal on 6 September 2022 and suggested to spray hexaconazole @ 1ml/l two times at 10 days interval.



On 9 September 2022, Dr.S.Adarsha Scientist (Entomology) and Sri K.Veeranjanyulu Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi visited brinjal, cowpea fields at Irlapalli and Pandirimamidi villages of Rampachodavaram mandal. Observed fruit and shoot borer and little leaf in brinjal and spodoptera incidence in cowpea. Recommended for removal and destruction of infested shoots and spraying of Emamectin benzoate @ 0.4g/l or Chlorantraniliprole @ 0.3g/l for reducing borer incidence and destruction and removal of little leaf infested plants in the field and spraying of Gibberlic acid @5mg/l.

On 15 September 2022, Dr. Venkata Satish Kuchi, Scientist (Horticulture) and Dr T. Vijaya Nirmala Scientist (Veterinary Science), Dr.YSRHU-KVK, Venkataramannagudem visited newly planted oilpalm orchard and recommended application of N, P, K fertilizers to the seedlings for better establishment.



On 9 September 2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) and Dr. N. Chiranjeevi, Scientist (Plant Pathology), Dr.YSRHU-KVK, Pandirimamidi conducted diagnostic field visit to cashew orchards at Pedda Geddada village, Rampachodavaram mandal and observed micronutrient deficiency symptoms and suggested proper dosage of micro and macro nutrient application to cashew plants.



On 13 September 2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) and Dr. N. Chiranjeevi Scientist (Plant Pathology), Dr.YSRHU-KVK, Pandirimamidi conducted diagnostic visit to Ridge gourd field at Mitlapalem village, Addategala mandal and observed downy mildew symptoms and suggested control measures.

On 7 September 2022, Smt.Vijayalakshmi - PD, ATMA, Kadapa and Dr. B.S. Kanthi Sri, Scientist-KVK, Vonipenta visited cotton fields in N. Kottalapalli village and observed sucking pest on crop and suggested to spray 2 gm of Acephate/l water in combination with sandovit or tritan gum based formulations at required intervals and also suggested to install yellow and blue sticky traps.



Smt. M. Siva Sailaja- Agricultural officer, DRC/DTC, Kadapa and Smt. Aruna- Mandal Agricultural officer, Peddamudium also visited in team. Later visited RBK - Peddapasupula village and verified daily activity records.



Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta made a diagnostic field visit on sigatoka leaf spot in banana at Vempalli Mandal, YSR District. The scientist explained the farmers about the package of practices to be followed in banana and recommended to spray propiconazole @ 1ml + mineral oil @ 1.5 ml litre⁻¹ + Dithane M - 45 @ 2.0 g litre⁻¹ once in every 15 days to control sigatoka leaf spot. The meeting was attended by Smt. Lakshmi Devi, Assistant Director of Agriculture, DRC, Kadapa, Sri. Rajendra Prasad, Agriculture Officer, Vempalli and Sri. B. Prasad Reddy, Agriculture Officer from Mobile Soil Testing Lab, Kadapa.

On 12.09.2022 Dr V.Deepthi, Scientist (Agricultural Extension), Dr.YSRHU-KVK, V.R.Gudem conducted diagnostic field visit to black gram crop at Kodigudem village, Dwaraka Tirumala mandal and suggested management practices to farmers.



National Nutrition Week

On the eve of National Nutrition Week (1-7 Sep 2022), Dr.B.Vijayasree, Scientist (Home Science) and Dr.B.Govinda Rajulu, Principal Scientist and Head, KVK, Periyavaram initiated establishment of 'A' Grade model of Nutrigarden (Poly crop with mulching) in the instructional farm of KVK, Periyavaram in convergence with APCNF, Dept.of Agriculture and conducted series of 'On campus Training Programme on "Nutrigardens for food and nutritional security" to the extension functionaries of Dept.of Agriculture ZBNF (APCNF) from 5.9.2022 to 7.9.2022 at Dr.YSRHU-KVK, Periyavaram and created awareness on cultivation of vegetables and fruits by natural farming & its

significance in terms of availability, accessibility and utilization of vegetables and fruits for food and nutritional security and distributed vegetable seed kits to the farmers and women. In these programmes KVK Scientists, Dr.D. Thirupal, Scientist (Horticulture), Dr.P. Nagarjuna Reddy (Agril. Extension), ZBNF District Project Manager, Tirupathi Dist. Sri.Munirathnam, their team & 85 farmers and farm women participated.



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

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

Date	Topics
01.09.2022	వివిధ ఉద్యాన పంటలలో అంతర పంటల ప్రాముఖ్యతపై అవగాహన డా.కె.టి.వెంకటరమణ, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, అనంతరాజుపేట
02.09.2022	ఖరీఫ్ కూరగాయల సాగులో నారుమడి ప్రాముఖ్యత మరియు యాజమాన్య పద్ధతులు డా.కె.రాజేంద్ర ప్రసాద్, సీనియర్ శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, పందిరిమామిడి
03.09.2022	ఉల్లి మరియు వెల్లుల్లిని ఆశించు తెగుళ్ళు - సమగ్ర నివారణ డా.కె.సుబ్రహ్మణ్యం, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, మహానంది
05.09.2022	డ్రాగన్ ఫ్రూట్ ను ఆశించు కుళ్ళు తెగుళ్ళు - వాటి నివారణ చర్యలు డా.పి.దీప్తి, శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, అనంతపురం
06.09.2022	చీని, నిమ్మ తోటలలో సమగ్ర యాజమాన్యం డా.ఆర్.నాగరాజు, ప్రధాన శాస్త్రవేత్త & హెడ్, చీని, నిమ్మ పరిశోధన స్థానం, తిరుపతి
07.09.2022	చిలగడ దుంపలో నారింజ కండగల రకాలు వాటి వివరణలు డా.ఎమ్.జానకి, శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, పెద్దాపురం
08.09.2022	అరటిలో అధిక దిగుబడులకు సూచనలు డా.ఆర్.నాగలక్ష్మి, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, కొవ్వూరు
09.09.2022	జీడిమామిడిలో ఆకులు మరియు పూల తెగుళ్ళు నిర్వహణ డా.బి.నాగేంద్ర రెడ్డి, శాస్త్రవేత్త, జీడిమామిడి పరిశోధన స్థానం, బాపట్ల
12.09.2022	చీని, నిమ్మలో ఎరువుల యాజమాన్యం డా.బి.గోవింద రాజులు, ప్రధాన శాస్త్రవేత్త & హెడ్, కె.వి.కె, పెరియవరం
13.09.2022	సపోటా తోటలలో చీడ, పీడల నిర్వహణ శ్రీమతి పి.సునీత, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం,

Date	Topics
14.09.2022	తేనెటీగల పెంపకంకు అనువైన సమయం – పరిశ్రమ స్థాపనకు తీసుకోవలసిన జాగ్రత్తలు డా.ఎస్.ఆదర్శు, శాస్త్రవేత్త, కె.వి.కె, పందిరిమామిడి
15.09.2022	పసుపులో విత్తన శుద్ధి-ఆవశ్యకత డా.బి.తనూజప్రియ, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, లాం

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

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

Date	Topics
01.09.2022	వివిధ ఉద్యాన పంటలలో అంతర పంటల ప్రాముఖ్యతపై అవగాహన
02.09.2022	ఖరీఫ్ కూరగాయల సాగులో నారుమడి ప్రాముఖ్యత మరియు యాజమాన్య పద్ధతులు
03.09.2022	జామ సాగులో మెళకువలు
05.09.2022	చీని, నిమ్మ సాగులో మెళకువలు
06.09.2022	వాతావరణ సూచనలు; తీగజాతి కుగారాయల పంటలలో చేపట్టవలసిన సూచనలు, సలహాలు
07.09.2022	వాతావరణ సూచనలు; కోకో పంటల్లో మెళకువలు
08.09.2022	వాతావరణ సూచనలు; బెండలో తీసుకోవలసిన సస్యరక్షణ చర్యలు
09.09.2022	వాతావరణ సూచనలు; క్రొత్త జీడిమామిడి తోటల ఏర్పాటు—యాజమాన్య పద్ధతులు
12.09.2022	వాతావరణ సూచనలు; మామిడిలో నాణ్యమైన దిగుబడికి వర్షాకాలంలో చేపట్టవలసిన సస్యరక్షణ
13.09.2022	జీడిమామిడిలో కాండంలో కాండం తొలిచే పురుగు నివారణ
14.09.2022	వాతావరణ సూచనలు; బొప్పాయి తోటల్లో సమగ్ర సస్యరక్షణ
15.09.2022	వాతావరణ సూచనలు; సెప్టెంబర్ మాసంలో వివిధ తోటపంటలనందు చేపట్టవలసిన పనులు మరియు సూచనలు; సమస్యాత్మక భూములు -యాజమాన్యం

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 first fortnight of September, 2022.

Date	Topic	Scientist Name
02.09.22	వంగలో పురుగు మరియు తెగుళ్ళ యాజమాన్యం	Dr.S.Adarsha Scientist (Entomology), Dr.YSRHU- KVK, Pandirimamidi
05.09.22	ఉల్లిలో నారుమడి యాజమాన్యం	Dr.M.Tagore Naik Sr.Scientist, Dr.YSRHU-HRS, Mahan- andhi

Date	Topic	Scientist Name
09.09.22	జీడిమామిడి తోటలు శుభ్రం చేసి సమగ్ర ఎరువుల యాజమాన్యం పాటించుట మరియు అంతర పంటల సాగు	Dr.K.Venkata Subbaiah, Scientist & Head, Dr.YSRHU-KVK, Venkataramannagudem
12.09.22	కూరగాయల మరియు పూల సాగులో కలుపు యాజమాన్యం మరియు ఎరువుల యాజమాన్యం	Dr.M.Ravindrababu Senior Scientist (Horticulture), Dr.YSRHU - HRS, V.R.Gudem

Radio Talks

Scientists of Dr.YSRHU-KVK, Periyavaram attended radio talks regarding "Kisan Vani" programme of All India Radio, Tirupati.

Date	Topics	Scientist Name
12.09.2022	రైతు ఉత్పత్తిదారుల సంఘాల ఏర్పాటు - ప్రాముఖ్యత	Dr. P. Nagarjuna Reddy Scientist (Agril. Extension)
13.09.2022	చిరుధాన్యాలప్రాముఖ్యత - విలువఆధారిత ఉత్పత్తుల తయారీ	Dr.B.Vijayasree Scientist (Home Science)
14.09.2022	సమగ్ర కూరగాయల యాజమాన్య పద్ధతులు	Dr. D. Thirupal Scientist (Horticulture)
15.09.2022	చీని,నిమ్మ తోటలలో సమగ్ర యాజమాన్య పద్ధతులు	Dr. B. Govinda Rajulu Principal Scientist & Head

General

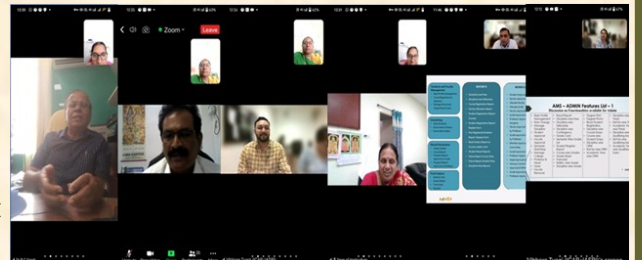
Meetings

V. Govardhan Rao, Scientist (Plant Pathology) attended the 7th Asian PGPR Conference for sustainable and organic Agriculture held at Loyola Academy, Secunderabad, Telangana state on 5-7th, September, 2022 and made oral presentation on development of microbial consortia for the management of diseases in coconut and citrus.



On 2 September 2022, Dr. N.B.V.Chalapathi Rao, Principal Scientist (Entomology), Dr.YSRHU-HRS, Ambajipeta participated in the World Coconut Day celebrations at BCT – KVK, Anakapalle District organized by the Coconut Development Board, Kochi and gave a lecture on "Recent advances in coconut production technology".

The Associate Dean, Assistant Nodal officers, OAM UG & PG of COH, Anantharajupeta, participated in the training program on "Academic Management System" on 6 September 2022 organized by NAHEP, ICAR-IASR, New Delhi, through Zoom platform for efficient scheduling and management of student and faculty in universities. Dr.R.C.Goyal, Dr.Vibhor Thyagi, Dr.Sudeep Marwaha, explained the faculty about various Academic Management system apps to be adopted by the university teachers and students. Associate Dean COH, Anantharajupeta and all university officers acknowledged the organizers and speakers for arranging this meeting.



Dr. T.Rajasekharam, Senior Scientist (PP), Dr.YSRHU-CRS, Tirupati as a lead presenter conducted and attended Mid term review for AICRP Fruits project on “Screening of promising rootstocks against root rot in Citrus (6.1.2Cc) and Emerging diseases of Citrus (6.1.1C)” through webinar on 2 September 2022.

Dr. R.Nagaraju, Principal Scientist & Head and Dr. L. Mukunda Lakshmi, Senior Scientist, Dr.YSRHU-CRS, Tirupati attended Mid term review for AICRP Fruits project on “Studies on residual and cumulative effect of nutrients in Sweet orange & Acid lime (3.1.1E bc), Organic Production in Citrus– Sweet orange (3.1.3C) and Evaluation of promising clones of Grapefruit (1.1.4Ce)” through webinar on 6 September 2022.

Dr. L. Mukunda Lakshmi, Senior Scientist (Hort), Dr.YSRHU-CRS, Tirupati as a lead presenter conducted Mid term review through zoom meeting for Clonal selection in sweet orange (1.1.3Cb), Evaluation promising clones of sweet orange (MLT –I, 1.1.4Cb) and Evaluation promising clones of pummelo (MLT –I, 1.1.4Cd) on 7 September 2022.

Dr. R.Nagaraju, Principal Scientist & Head, Dr.YSRHU-CRS, Tirupati as a lead presenter conducted Mid term review for AICRP Fruits project on Assesment of phenology, productivity and incidence of insect pests and diseases in citrus grown under varying climatic conditions a) Mandarin b) Sweet orange c) Acid lime (4.1.3 C abc) and Evaluation of promising root stocks in Citrus (2.1.5 C) through webinar on 9 September 2022.

Dr.Srinivasa Reddy, Senior Scientist (Ento) & Dr.T.Rajasekharam, Senior Scientist (PP), Dr.YSRHU-CRS, Tirupati attended “Review on the progress of Plant Protection programmes” through webinar on 9 September 2022.

Dr. L. Mukunda Lakshmi, Dr.YSRHU-CRS, Tirupati attended Mid term review through zoom meeting on Evaluation of promising clones of Acid lime (1.1.4Cc) on 08/09/2022 and Evaluation of promising clones of sweet orange (MLT-III, 1.1.9Cb) and Collection, Characterization, Conservation and Evaluation of germplasm (1.1.1C a) through webinar on 9 September 2022.

Dr. L. Mukunda Lakshmi, Dr.YSRHU-CRS, Tirupati attended Mid term review for AICRP Fruits project on Evaluation of promising clones of Acid lime (MLT–II, 1.1.6C) through webinar on 12 September 2022.

On 7 September 2022 Dr.G.Ramanandam, Principal Scientist (Hort.) & Head participated in google meeting for the mid term review of the Trial no. 4.2.3 B Assessment of phenology, productivity and incidence of insect pests and diseases in banana grown under varying climatic conditions by the lead presenter Dr. K. B. Sujatha, TNAU.

Dr.G.Ramanandam, Principal Scientist (Hort.) & Head participated in webinar on GST e-Invoicing system organized by National Informatics Centre (NIC) and also attended midterm review meeting of experiment 3.2.7 B Alleviation of soil moisture deficit stress in Banana by the lead presenter Dr. K.H. Nataraja, Arabhavi on 8 September 2022.

On 3 September 2022, Dr.G.Sravanthi, Scientist (Entomology), Dr.YSRHU-MRS, Nuzvid attended webinar on “Agrobiodiversity, Ecosystem services for Sustainable Agriculture” by Dr. NK Krishna kumar, Former DDG Horticulture organized by Indian Institute of Rice Research and Society for Advancement of Rice Research.

Visits

Thirty five 2nd year polytechnic students from MPM Trust Agricultural Polytechnic College, S.Moolapalem, Dr.B.R. Ambedkar Konaseema district, visited Dr.YSRHU-HRS, Kovvur on 9 September 2022. The Scientists of HRS, Kovvur explained the production and protection technologies of banana and tuber crops and briefed the ongoing research activities during the field visit.



On 14 September 2022 ATMA, SPSR Nellore district farmers, Department of Agriculture officials and scientists of ANGRAU-DAATTC and KVK (40 nos.) visited Dr.YSRHU-HRS, Kovvur on inter district exposure visit. 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 on Scientific management practices for banana and tuber crops including plant protection technologies and tissue culture production techniques.

On 2 September 2022, Dr M. Raghavendra Reddy, Scientist (SS&AC) and Dr Vijaya Nirmala, Scientist (Veterinary science), Dr.YSRHU-KVK, Venkataramannagudem, conducted an exposure visit to tribal farmers from East Godawari. Dr M. Raghavendra Reddy explained the “Role of Biofertilizers in Nutrient management” to farmers, later demonstrated the enrichment of bulk manures with Biofertilizers. Dr. T. Vijaya Nirmala explained about animal nutrition by improved fodder varieties cultivation and way of utilization of Azolla for milch animals.



On 5 September 2022 Dr K. Venkata Subbaiah, Scientist (Horticulture), Dr M. Raghavendra Reddy, Scientist (SS&AC) and Dr.K.Venkata Sathish, Scientist (Horticulture), Dr.YSRHU-KVK, Venkataramannagudem conducted exposure visit to organic growers. Attendees were exposed to solar dry unit, dry flower unit and demonstrated the method of coconut chipper & shredder.

Dr.YSRHU-TTD Project

The ongoing activities of Dr YSRHU – TTD Skill development Dry flower technology value added project was recorded by Sakshi TV, Hyderabad at Dr.YSRHU-CRS, Tirupati on 5 September 2022 and Dr. R. Nagaraju, Principal Scientist (Hort) & Head, CRS, Tirupati explained about the project and achievements made for women empowerment through skill training activity.



Publications

Ruth C and Gopal K, (2022) Isolation and Characterization of Endophyte *Talaromyces* Species against Turmeric Rhizome rot disease in Andhra Pradesh, Souvenir -7th National Asian PGPR Conference for Sustainable & Organic Agriculture, September 5-6th 2022 organized by India Chapter of Asian PGPR Society In Collaboration with Loyola Academy, Hyderabad Page no. 91.

Vikas Kumar G, Nagaraju R, Srinivas PT, Rajanaik M, Ruth.Ch (2022). Value addition to *Chrysanthemum morifolium* through dry flower technology by standardizing different back drop materials. International Journal of Ecology and Environmental Sciences Vol.4(3) page no. 133-135.

Awards

Dr.P.Syam Sundar Reddy, Associate Professor (Horticulture), Dr.YSRHU-CoH, Anantharajupeta received "State Best Teacher Award and Medal" in recognition of service as a teacher at University level in the subject of Horticulture from Hon'ble Chief Minister of Andhra Pradesh on 5 September 2022 at Amaravati. Dr.K.Gopal, Associate Dean and staff members congratulated and appreciated him for the achievement.



Dr.B.Hari Mallikarjuna Reddy, Asst. Professor, Mathematics & Statistics, Dr.YSRHU-CoH, Anantharajupeta received "Department of Statistics Distinguished Alumni Excellence Award" from S.V.University, Tirupati on the occasion of Diamond Jubilee Celebrations held on 10 September 2022. Dr.K.Gopal, Associate Dean and Staff members congratulated him.

Obituary

Sri. Damineti Venkatasubbaiah, Time scale worker passed away on 4 September 2022. Scientists & Staff and field workers of Dr YSRHU – CRS, Tirupati paid tributes on 5 September 2022.



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