



Dr YSRHU e-Newsletter

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



Vol.IX, Issue-21

Dr YSRHU e-Newsletter

01-15 November 2023



Fortnight Focus

- *The Events*
- *Education*
- *Research*
- *Extension*
- *General*

From Vice- Chancellor's Desk

Horticultural education is indispensable for the sustainable growth of agriculture, given the escalating global demand for diverse crops. Dr. YSR Horticultural University in Andhra Pradesh is pivotal in this domain, functioning as a crucial institution for horticultural education, research and extension services in the state of Andhra Pradesh. Its core mission is to equip the next generation with essential skills and knowledge to effectively tackle contemporary horticultural challenges. Through specialized courses and hands-on training, the university significantly contributes to enhancing crop productivity and advocating sustainable horticultural practices.

Beyond the classroom, the institution plays a vital role in cultivating skilled human resources for the horticultural sector. By disseminating cutting-edge technologies in horticulture, it empowers farmers to optimize their practices and stay abreast of advancements. Additionally, the university promotes entrepreneurship by fostering innovative thinking and business acumen among students. This approach not only nurtures a new breed of entrepreneurs in horticulture sector capable of establishing and managing successful horticultural enterprises but also addresses economic growth and employment challenges in Andhra Pradesh. Dr. YSR Horticultural University stands as a pillar for horticulture education, shaping the skilled workforce and contributing to the advancement of sustainable horticulture.

Dr T. Janakiram
Vice-Chancellor

The Events

Events

Inauguration of COH, Pulivendula:

Hon'ble Chief Minister Sri. Y.S. Jagan Mohan Reddy garu inaugurated the College of Horticulture, Pulivendula, YSR District on 09.11.2023. Dr. T. Janakiram, Vice-chancellor Dr. YSRHU appraised about the admissions and introduced the staff and students of College of Horticulture, Pulivendula to Hon'ble Chief Minister. The first batch students admitted in the college were called by the Chief Minister, each one by name and interacted about their aspirations being the student of B.Sc. (Hons) Horticulture. Later visited the laboratory facilities and appreciated the arrangements made for effective learning situation in the college. A publication depicting the 15 years of journey of the university since its establishment in the year 2007 top till date "Dr. YSRHU Path of Excellence in Education, Research and Extension was presented to the Chief Minister by the Vice-chancellor.



Andhra Pradesh Formation Day



Minorities Welfare Day/Birth anniversary of Janab Maulana Abul Kalam Azad on 11-11-2023



Horti - Millet Value added products sales counter at KVK, Periyavaram:



On 15-11-2023 Dr.B.GovindaRajulu, Principal Scientist & Head, Dr.YSRHU-KVK, Periyavaram inaugurated Horti- Millet value added products sales counter at KVK, Periyavaram. The processed millet products, processed vegetable and fruit products available in the Processing and Value addition unit were displayed for sales. All the scientists of KVK, Periyavaram and staff and students of Sri Chaithanya School, Venkatagiri participated. Dr.B.Vijayasree, Scientist (Home science) KVK, Periyavaram coordinated the program.



Education

SC Sub- Plan



College of Horticulture, AR Peta, conducted awareness programme on mushroom culture and established mushroom unit in Y.Kota village under SC sub plan on 01.11.2023. The theme of mushroom culture is to provide sustainable means of nutritional security & employment of SC farmers of YSR Kadapa district of A.P. The trainees selected were M. Shankar and Smt. M. Venkatalakshmi who have provided one room for the purpose of mushroom culture. The mushroom beds were prepared with paddy straw substrates and inoculated with white, pink and grey oyster spawn. The mycelium was developed after seven days. Dr. Ch.Ruth, Prof. (Pl.Path,) Dr.K.Swarajya lakshmi, Prof (H), ELP 407, Mushroom culture, ELP 403 Processing students of COH, Anantharujupeta & RHWEF students of S. K. College of Horticulture Sciences, Ananthapuramu affiliated to Dr.YSRHU, attended the programme.

CoH, AR Peta, **established Mushroom unit under SC Sub- Plan at Venkatareddypalli** on 03-11-2023. The selected room was sterilized with chemicals viz Malathion and Formalin for sanitation and distributed all materials to the beneficiary on 11-11-2023. The mushroom beds were prepared with mush pellets & paddy straw substrates and inoculated with pink, white and grey oyster spawn on 12-11-2023 under the guidance of Dr. Ch.Ruth, Prof. (Pl.Path,), Dr.K.Swarajyalakshmi, Prof (H) and ELP 407, mushroom culture students of COH, Anantharujupeta.



Workshop on "Genetic variability and molecular characterization of plant pathogens": Three Ph.D students namely Kottam Sushma(Plant Pathology), D.Divya Bharathi (PSMAC), R.Subash (Vegetable Science), CoH, AR Peta participated in hands on workshop on "Genetic variability and molecular characterization of plant pathogens" conducted by Acharya N.G. Ranga Agricultural University, S.V. Agricultural College, Tirupathi. K.Sushma from department of Plant Pathology was awarded with Best Trainee certificate among the participants on 04-11-2023.

Workshop on "Genetic variability and molecular characterization of plant pathogens:

Three Ph.D students namely Kottam Sushma(Plant Pathology), D.Divya Bharathi (PSMAC), R.Subash (Vegetable Science), CoH, AR Peta participated in hands on workshop on "Genetic variability and molecular characterization of plant pathogens" conducted by Acharya N.G. Ranga Agricultural University, S.V. Agricultural College, Tirupathi. K.Sushma from department of Plant Pathology was awarded with Best Trainee certificate among the participants on 04-11-2023.



UG Orientation Program



Dr. Lalitha Kadiri, Assoc. Professor (Agro.) & OAM(UG), College of Horticulture, Anantharajupeta conducted UG orientation programme to the 2023 newly admitted batch under the chairmanship of Dr. K. Gopal, Associate Dean for the academic year 2023-24 on 10-11-2023. The Associate Dean addressed the UG students regarding academic activities and OAM (UG) explained about UG regulations to students along with teaching staff of College of Horticulture, Anantharajupeta.

Disha Application

Police staff from Garugubilli Police station visited College of Horticulture, Parvathipuram on 3-11-2023, and explained about Disha Application, usage and make the students and staff to install Dish app on their mobiles.



Drones Demonstration



Presentation on Drones and its application in the field of horticulture by Garuda Aerospace, Chennai was organised on 03.11.2023 in College of Horticulture, Parvathipuram. Field demonstration on drones application in turmeric crop was conducted and all the faculty and students have participated.

RHWEP

On 03.11.2023, as a part of research station activities, RHWEP students allotted to Dr.YSRHU-HRS, Ambajipeta visited bio-control lab of research station and interacted with the farmer who came to collect Parasitoids of Black headed caterpillar at Agiripalli of Eluru district and also students learnt about the different parasitoids and predators which are available at research station.



Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has explained about HRS, Peddapuram activities to eight RHWEP students of College of Horticulture, Parvathipuram allotted to Dr. YSRHU – HRS, Peddapuram. Students are visiting every Wednesday (01.11.23, 08.11.23 and 15.11.23) to the research station and learning on different horticultural crops, research station activities and ongoing technical programmes.

Research

Dr. D. Aparna, Senior Scientist (Hort.) conducted survey on 06.11.2023 in Polavaram forest and collected two Gajanimma germplasm accessions.



Dr. T. Thomson, Scientist (Hort.), HRS, V.R.Gudem visited nurseries at Ravulapalem and Kadiyam on 04.10.2023 and collected rare exotic fruit crop saplings.

Extension

Training programmes conducted

On 10.11.2023, Scientists of Dr.YSRHU-HRS, Ambajipeta imparted training on cultivation and management of pest and diseases in coconut to the DAESI participants from Pitapuram and Tuni area.



On 10.11.2023, Dr. K. T. Venkata Ramana, Principal Scientist (H) & Head and staff of Dr YSRHU- HRS, Anantharajupeta conducted farmers training programme on Bunch management in Banana at Peddaoram-padu village of Obulavaripalli mandal. During the programme, scientists explained about fertilizer management, bunch care activities, irrigation management, pest and disease management in Banana, followed by distribution of Arka Banana Special, sulphate of potash and banana bunch covers to the beneficiary farmers. Dr Y. Sharath Kumar Reddy, Scientist and Dr. G. Sandeep Naik, Scientist coordinated the programme.

On 9.11.2023, Dr.B.Vijayasree, Scientist (Home science) Dr.YSRHU - KVK, Periyavaram conducted training Programme on Processing and Value addition of Horti products to RHWEP students and explained about the processing and value addition concepts & principles and methods of preservation like controlling the physical, chemical or microbial changes, Bacteria-static methods & Bactericidal methods in value added products of different horticultural products like acidlime, vegetables and fruits that are available in Tirupati and Nellore districts.



On 14.11.2023, Smt. I.Rajeevana, Scientist (Soil Science) conducted training programme on vermicomposting at KVK, Periyavaram, Venkatagiri to the farmers and farm women. Explained about the importance of vermicompost, methodology involved in preparation of vermicompost, usage of vermi compost in crops. Dr.B.Govindarajulu (Principal scientist & Head), all scientists of KVK, farmers and farm women participated in the programme.

On 01.11.2023, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted training programme on Livestock Health Management at Pallipadu (V), Venkatagiri (M), Tirupati Dist. under VC to Village Programme. Dr. Sudheer, VAS (Balayapalle) enlightened the farmers on clean milk production and feed management in livestock. Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) explained the importance of mineral mixtures as supplements in feed management of livestock and importance of usage of herbal acaricides for control of ecto-parasites in livestock.



On 04.11.2023, Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta conducted an off campus training programme on insect pest and disease control in chilli at RBK, Adireddypalle of Mydukur mandal. The scientist explained the farmers about the importance of seed treatment in chilli with Imidacloprid and Captan and symptoms of leaf spot and control measures.

A 15-day Fresh water Aquaculture training program organized from November 1 to 15, 2023, by KVK, VR Gudem witnessed active participation from the students of College of Fisheries, Kawada, Chattisgarh. Coordinated by Dr. A. Devivaraprasad Reddy, Scientist at the Krishi Vigyan Kendra (KVK), VR Gudem. The program aimed to provide comprehensive insights into freshwater aquaculture practices.



Training Programmes Participated



Dr.R.Nagaraju, Principal Scientist (Hort) & Head, along with Dr.Srinivas Reddy, Senior Scientist (Ento), CRS, Tirupati and Dr. G. Sandeep Naik, Scientist (Plant Pathology) from Dr YSRHU- HRS, Ananttharajupeta participated in a workshop on “Future prospects of Mango” organized by Department of Horticulture, Chittoor division on November 2nd 2023. The focus of the discussion was on the future outlook of mango cultivation and identified steps to enhance the quality of produce. The programme was presided over by Dr. B.M.C Reddy, former Vice- Chancellor of Dr. YSRHU and organized by Sri. Madhusuhana Reddy, DHO, Chittoor.

Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has delivered a lecture on “Production Technology of Medicinal and Aromatic Crops” for 40 dealers under DEASI Programme organized by ATMA, Kakinada on 05.11.2023 held at meeting hall of ADA, Pithapuram.



On 08.11.2023, Dr.M.Balakrishna, Senior Scientist and Head from KVK, Vonipenta participated in training programme organized by Coromandel company on SND Products and Nano DAP in Duvvuru under Proddaturu MO territory in Kadapa district. Dr.Balakrishna explained about benefits and uses of the products like Sulphomax, Nano Dap, Granubor and Accuspray pulses and practically shown the results in demo plots of KVK, Vonipenta.



Dr.B.K.M. Lakshmi, Principal Scientist(Pl. Path.) & Head and Dr. K. Radha Rani, Principal Scientist(Hort.) from Dr.YSRHU- MRS ,Nuzvid attended as resource persons in farmers training programme on “**Mamidi thotalalo paatinchavalasina padhathulapai rythulaku sikshna kaaryakramam**” at Thurupu digavalli along with the officials of Line Department Officials R. Hema on 01.11.2023.

Dr. K. Radha Rani, Principal Scientist(Hort.) from Dr.YSRHU- MRS ,Nuzvid has attended farmers training programme on “ Jaama thotalalo paatinchavalasina samagra yaajamanya paddatulu mariyu sasayya rakshna chariyalapai avaghana kaaryakramam” at Gullapudi along with the officials of line department (H.O) R. Hema on 09.11.2023.



Dr. B.K.M. Lakshmi Principal Scientist(Pl. Path.) & Head from Dr. YSRHU- MRS, Nuzvid has attended farmers training programme on "**Mango plant protection during the season**" at Adivinekkalam, Agiripalli mandal, Eluru Dt. along with the officials of Line Department on 09.11.2023

Year of Banana, 2022-23

On 15 November 2023, as a part of ‘Year of Banana, 2022-23’, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram conducted intercultural operations in Banana *i.e.*, de-suckering, removal of dried & diseased leaves, weeding with garden hand hoe and earthing up by RHWEP students from College of Horticulture, Anantharajupet in Banana Instructional Farm at KVK, Periyavaram.



VC to Village programme



Dr.Ch. Ruth, Professor (Pl. Path),Dr.K.Swarajyalakshmi, Prof (H), CoH, AR Peta visited adopted village KR Kandriga, Rly. Kodur mandal on 11-11-2023 along with Ph.D. and ELP students and interacted with the farmers and Market yard chairman Sri Subbaraju and selected one room for establishment of mushroom unit.

On the occasion of Children's Day 14.11.2023, HRS VR Gudem conducted VC to Village program at Primary School, Kadiyadda. Scientists addressed about the importance of vegetable garden and planted the tomato, chilli and brinjal seedlings in the kitchen garden plots in school premises. RHWEP students also actively participated along with the school children, Head Master, staff, and children parents.



On 01.11.2023, conducted Animal Health Camp at Pallipadu under VC to Village programme. Dr. Sudheer, VAS (Balayapalle) diagnosed diseases and infections in Cattle and provided vaccination. Dr.B.Govinda Rajulu, Principal Scientist and Head, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) and farmers participated in the programme.



Dr. B.K.M. Lakshmi, Principal Scientist (Pl. Path.) & Head and Dr. K. Radha Rani, Principal Scientist (Hort.), MRS, Nuzvid conducted diagnostic field visits to mango orchards at adopted village Pothireddypalli on 08.11.2023.

Webinar:

Dr. YSRHU – Way forward series 2023 – Mushroom culture: A versatile business opportunity for young entrepreneurs was presented by Dr. K. Arunodhayam, Asst. Professor (Pl.Path.) on 06-11-2023 organized by College of Horticulture, Anantharajupeta.



All the Krishi Vigyan Kendras on 15/11/2023, webcasted the release of 15th instalment of PM-KISAN to farmers by Hon'ble Prime Minister under PM Kisan Samman Nidhi Yojana at KVK Periyavaram. Created awareness to the farmers on need of soil test based fertilizer application in horticulture crops and other Central Govt. schemes related to agriculture, horticulture and allied sectors.



On 17.11.2023, Dr.YSRHU - DIIP conducted 17th Global Connect Series on “Floriculture- A Profitable and Eco- friendly Agribusiness” organized by Dr. YSRHU in Collaboration with Bangladesh Agricultural Research Institute, Bangladesh. All institutes under Dr.YSRHU actively participated in the programme.

Diagnostic field visit:

Dr.Ch. Ruth, Professor (Pl. Path), Dr.K.Swarajyalakshmi, Prof (H), CoH, AR Peta observed leaf curl virus disease incidence and thrips damage in Chilli, downy mildew and gummy stem blight disease incidence in Ridge gourd in farmers field at Lakshmigariipalli village and K.R.Kandriga, Rly. Kodur mandal on 11-11-2023 and suggested control measures.



On 06.11.2023, Dr. N.B.V. Chalapathi Rao, Principal Scientist & Head and Dr. V.Anoosha, Scientist (Entomology), Dr.YSRHU-HRS, Ambajipeta conducted survey for the monitoring of whitefly infestation in kadium nurseries (epicentre for Whitefly) and observed that plants are relatively free from RSW. Continuous monitoring is the need of the hour as weather conditions are favourable to its further spread

in surrounding areas

On 01.11.2023, Dr.M.Balakrishna, Senior Scientist and Head and Dr.Srividya Rani.N, Scientist (Extn.), KVK, Vonipenta conducted diagnostic field visit to Papaya intercropped with Marigold at T.Kothapalle village of Mydukur mandal. Scientists observed some of the plants infested with virus and suggested to remove the virus infested plants as it is in the earlier stage and also suggested to install yellow and blue sticky traps @ 12-15 per acre and spray Acephate @ 2.5 g per litre and Neem oil @ 2.5 ml per litre.



On 01.11.2023, Dr.M.Balakrishna, Senior Scientist and Head and Dr.Srividya Rani.N, Scientist (Extn.), KVK, Vonipenta conducted diagnostic field visit to Tomato at T.Kothapalle village of Mydukur mandal. Scientists observed Early blight infestation and suggested to spray Propiconazole @ 1 ml per litre or Captan @ 3g per litre 3 to 4 times in an interval of 15 days.

On 03.11.2023, Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta conducted a diagnostic field visit to Mango at chintala patur village in Vallur mandal. The scientist observed leaf webber in mango and suggested the farmer regarding collection and destruction of infested leaves and spray neem oil @ 5.0 ml per litre + chlorpyrifos @ 2.0 ml per litre to control the pest.



On 06.11.2023, Dr. M. Balakrishna, Senior Scientist and Head, Dr. N. Srividya Rani, Scientist (Agriculture Extension) and Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta conducted diagnostic field visit in Chrysanthemum at Vonipenta village of Mydukur mandal. The scientists observed thrips and aphids in chrysanthemum and suggested the farmer to spray neem oil @ 5.0 ml per litre and Acephate @ 1.0 gram per litre for the control of thrips and aphids.

On 08.11.2023, Dr. S. Firoz Hussain, Scientist (Horticulture), KVK, Vonipenta conducted diagnostic field visit to Acid lime at Thuvvapalle village of Mydukur mandal. The scientist observed canker in Acid lime and suggested the farmer to spray Streptocycline @ 1.0 g + COC @ 30 g / 10 litres of water during rainy season at 20 days interval.



On 08.11.2023 Dr. S. Lavanya, Research Associate (Livestock production) from Krishi Vigyan Kendra, Vonipenta conducted diagnostic visit to goat flock at Adireddypalli village of Mydukur mandal. During the visit, scientist observed that goat shows symptoms of fever, anorexia and lethargic and recommended Enrofloxacin @ 2.5 mg/kg b.wt. and Meloxicam @ 0.5 mg/kg b.wt. of animal for 3 days.

On 01-11-2023, Dr.K.Venkata Subbaiah, Scientist (Horticulture) and Dr. M. Raghuvendra Reddy, Scientist (SSAC) conducted a diagnostic field visit in okra field in Marlagudem village of Buttayagudemmandal. Incidence of powdery mildew was observed and suggested suitable remedial measures.



Method Demonstration

On 10.11.2023, Dr. K. T. Venkata Ramana, Principal Scientist (H) & Head and staff of Dr YSRHU- HRS, Anantharajupeta conducted method demonstration on usage of Banana bunch covers for quality production of banana to the selected schedule caste farmers of Peddaorampadu village of Obulavaripalli mandal under ICAR- AICRP on Fruits- SCSP scheme. During the



programme, scientists suggested to spray sulphate of potash @ 5g per liter at 5th and 15th day after denavelling followed by covering of bunches with banana bunch covers. Dr Y. Sharath Kumar Reddy, Scientist (Pl Phy) and G. Sandeep Naik, Scientist (Plant Pathology) coordinated the programme.



On 03 November 2023, Dr. D. Thirupal, Scientist (Horticulture) conducted method demonstration on “Chilli seed treatment” with Carben-dazim @ 3g/kg + Imidacloprid @ 8g/kg seed followed by preparation of nursery beds and sowing of Chilli seed for seedlings production by RHWEF students at KVK, Periyavaram.

On 09 November 2023, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram explained about importance of “Training & pruning in tomato and training in Marigold” under shade net cultivation as a part of RHWE programme with the help of RHWEF students from Dr.YSRHU-College of Horticulture, Anantha-rajupet.



On Farm Trials



On 11.11.2023, Smt. I.Rajeevana, Scientist (Soil Science) conducted follow up field visit to OFT on “Assessment of Integrated Management of thrips in chillies” as a part of technical programme of work and distributed Arka Vegetable Special and yellow sticky traps to the farmers.

On 03.11.2023, Dr. S. Firoz Hussain, Scientist (Horticulture) and Dr. M. Balakrishna, Senior Scientist and Head, Krishi Vigyan Kendra, Vonipenta conducted a follow up visit to OFT Management of sigatoka leaf spot in banana in Obulapuram village of Mydukur mandal. The scientists observed sigatoka leaf spot in few plants of banana and suggested the farmer to spray to propiconazole @ 1.0 ml per litre + Keleol (mineral oil) @ 10.0 ml per litre. After fifteen days of the first spray, suggested the farmer to spray difenconazole @ 1.0 ml per litre to control sigatoka leaf spot in banana.



On 14.11.2023, Dr. S. Lavanya, Research Associate (Livestock production), Dr. M. Balakrishna, Senior Scientist & Head and Dr. Srividya Rani, N Scientist (Agri. Extension) Krishi Vigyan Kendra, Vonipenta initiated OFT on Assessment of different mineral mixture supplements on growth performance of kids at Settivaripalli village of Mydukur mandal. Provided Nandi Goat mineral mixture and Area Specific Mineral Mixture to beneficiaries and explained that goat have specific mineral requirements which is quite different from the large ruminants.

On 01-11-2023, Dr.K.Venkata Subbaiah, Scientist (Horticulture) and Dr. M. Raghuvendra Reddy, Scientist (SSAC) visited Buttayagudem and Jeelugumilli mandals to observe ongoing technical programs on ICM in cashew, fertigation schedule in oil palm, Assessment of okra var. Kashi Lalima and assessment of water melon var. Arka Shama for the year 2023-24.



On 02-11-2023, Dr. K. Venkata Subbaiah, Scientist, KVK, VR Gudem distributed watermelon var. Arka shama and Arka Muthu seed to watermelon farmer under the technical program “Assessment of watermelon var. Arka Shama” for the year 2023-24.

Front Line Demonstrations



On 11.11.2023, Smt. I.Rajeevana, Scientist (Soil Science) conducted follow up field visit to FLD on “Integrated Nutrient Management in Brinjal” as a part of technical programme of work and distributed Arka Vegetable Special and yellow sticky traps to the farmers.

On 01.11.2023 Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted FLD on Demonstration of herbal acaricide for control of ecto-parasites in small ruminants at Pallipadu and Mannuru villages of Balayapalle mandal, Tirupati Dist. Distributed Megatex herbal Acaricides to the beneficiaries for control of ecto-parasites and demonstrated spraying of herbal acaricide in sheep to the beneficiaries.



On 14.11.2023, Dr.M.Balakrishna, Senior Scientist and Head. KVK, Vonipenta initiated FLD on Soil test-based Fertilizer application in Turmeric at Settivaripalli village of Mydukur mandal. Interacted with the farmers on cultivation aspects in Turmeric and explained nutrient management in Turmeric and then provided inputs viz., Castor cake and Micro nutrient mixture.

On 15.11.2023, Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta initiated Front Line Demonstration on Demonstration of Integrated Pest and Disease Management in Acid Lime at B. Matam Mandal. As a part of FLD, the scientist supplied chemicals viz., copper oxychloride, Thiamethoxam, Spiromesifen and Neem oil for the control of canker, aphids, thrips, psylla and mites.



On 01.11.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), and Dr. K. Venkata Subbaiah, Scientist (Horticulture), Dr. YSRHU - Krishi Vigyan Kendra, Venkataramannagudem visited OFT fields of “Assessment of Natural Farming Methods in Paddy” at Kannapuram & Modappagudem and “Organic cultivation of Okra” in the village Marlagudem. Also, conducted a followup visit to the paddy OFT “Evaluation of new rice variety MTU-1212” and FLD “Demonstration of flood tolerant rice variety MTU-1232” in the village Madakamvari Gudem.

On 03.11.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - Krishi Vigyan Kendra, Venkataramannagudem visited FLD field "Demonstration of flood tolerant rice variety MTU-1232" upon harvest at Vellamilli and recorded the yield data & observed for other quality parameters.

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 November, 2023 (3-4 PM).

Date	Topics	Scientist Name
01.11.2023	రబి - మినుములో యాజమాన్య పద్ధతులు	Dr.N.Sri Vidya Rani, Scientist, KVK, Vonipenta
02.11.2023	నిమ్మలో రసం పీల్చే పురుగుల సమగ్ర యాజమాన్యం	Dr.L. Ranjith Kumar, Scientist, CRS, Petlur
03.11.2023	క్యాబేజి, కాలిఫ్లవర్ సాగులో చీడపీడల నివారణ చర్యలు	Smt. P.Sunitha, Senior Scientist, HRS, VR Gudem
04.11.2023	దానిమ్మలో సమగ్ర సస్యరక్షణ	Dr.K.Subramanyam Principal Scientist (Plant. Path.), HRS, Anantapuramu
06.11.2023	నాణ్యమైన అరటి ఉత్పత్తికి సూచనలు	Dr.T. Susila, Senior Scientist(Hort.) & Head, BRS, Pulivendula
07.11.2023	అల్లంలో పురుగులు మరియు తెగుళ్ళ యాజమాన్యం	Smt.Ch.Bindhu Scientist(Hort.), HRS, Chintapalli
08.11.2023	జామ తోటల యాజమాన్యం	Dr. M. Mutyala Naidu, Pr. Scientist (Pl. Path), HRS, Mahanandi
09.11.2023	కర్రపెండలంలో ఎరువుల యాజమాన్యం	Dr. M.Janaki, Scientist (Hort.) & Head HRS, Peddapuram
10.11.2023	క్యారెట్ సాగులో మెళకువలు	Dr.k.Rajendra Prasad, Sr.Scientist & Head, HRS- Pandirimamidi
13.11.2023	అరటిని ఆశించు తెగుళ్ళ యాజమాన్యం	Dr.M.Sunil Kumar Scientist (Plant Pathology)
14.11.2023	టమాటో పంటలో మేలైన యాజమాన్య పద్ధతులు	Dr. M .Ravindra Babu, Senior Scientist (Hort.), HRS, VR Gudem
15.11.2023	రైతులకు ప్రభుత్వం అందిస్తున్న కొత్త పథకాలు - రాయితీలు	Dr.R.Praveen Babu, Scientist (Agri. Extn.), KVK, Pandirimamidi

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 November first fortnight, 2023.

Date	Topics	Scientist Name
03.11.2023	శీతాకాలంలో పండించు దుంప పంటలు మేల్చిన యాజమాన్య పద్ధతులు	Dr.K.Mamatha, Principal Scientist, HRS, Kovvur
06.11.2023	మామిడిలో పురుగులు మరియు తెగుళ్ళ యాజమాన్యం	Dr. B.K.M.Lakshmi, Principal Scientist, MRS, Nuzvid
09.11.2023	కనకాంబరంలో సమగ్ర యాజమాన్య పద్ధతులు	Dr. D. Sreedhar, Sr. Scientist, HRS, Anantharajupeta
13.11.2023	బొప్పాయిలో చీడపీడల నివారణ	Sri G.Shaliraju, Scientist, KVK, VR Gudem

General

From 03-11-2023 to 05-11-2023, Dr YSRHU-KVK, Venkataramannagudem represented Dr. YSR Horticultural University at "World Food India- 2023" conducted at Pragathi Maidan, New Delhi and displayed the exhibits. The program was coordinated by Dr. K. Venkata Satish Kuchi Scientist (Horticulture), Dr. B. Baburao and Dr. E. Karunasree, Director Extension. Master trainers; Mrs. M. Vani and Mrs. P. Sreelakshmi represented Krishi Udhyaana Mahila Rythu Uthpattidarula Sangam [KU foods] which was established with the help of ARYA project. Honourable Agricultural Minister for Andhra Pradesh Sri. Kakani Govardhan Reddy garu visited the exhibition.



Dr. R. Nagaraju, Principal Scientist (Hort) & Head, CRS, Tirupati inspected soft scaping projects undertaken by Andhra Pradesh Greening and Beautification Corporation, Pulivendula, Nagaravanam (Rani thopu) on November 6, 2023 in the YSR Kadapa district and submitted third party quality control inspection report.

On 01.11.2023, Dr. N.B.V. Chalapathi Rao, Principal Scientist & Head virtually attended as a expert of PAC for the 61st meeting of Project Approval Committee of TMOG Scheme of Coconut Development Board, Kochi.



Meetings

Dr.R.Nagaraju, Principal Scientist & Head, CRS, Tirupati attended Monthly Review Meeting with Project Co-ordinator, ICAR-AICRP on Fruits on 10/11/2023 through virtual mode.

Dr. D. Aparna, Senior Scientist (Hort.) attended Technical Screening committee meeting at Andhra Pradesh Medicinal and Aromatic Plants Board Gollapudi, Vijayawada on 15.11.2023.

On 09.11.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - Krishi Vigyan Kendra, Venkataramannagudem attended the Foundation Day programme of ANGRAU-KVK, Undi and participated in the interaction meet of organic producers and entrepreneurs. Also, visited stalls of APCNF and Millet entrepreneurs.



Exposure Visit



2nd year Diploma in Agriculture students of Agriculture Polytechnic, Kalikiri learned about Method demonstration on preparation of waste decomposer and visited ground nut field, Mango nursery and method demonstration on grafting techniques in orchard crops on 15.11.2023.

On 07.11.2023, Final year B.SC Horticulture students of Experiential Learning Programme visited bio-control lab of Dr. YSRHU-HRS, Ambajipeta and learned about the importance of bio-control agents in coconut insect pest and disease management and different potential predators, parasitoids and bio-agents available with our bio-control labs.



On 04.11.2023 ; Dr.YSRHU-KVK,VRGudem conducted an exposure visit to the fish hatchery and seed production unit, Instructional Farm and Training Center (IFTC), Badampudi. Sri. Narasaiah, Asst Director of Fisheries, Ms. Bhagavi, Fisheries Development Officer, Mr. Ravi, Fisheries Development Officer took the theoretical and practical sessions. The program was coordinated by

Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem.

On 04.11.2023, Dr.YSRHU-KVK,VRGudem conducted a practical exposure visit to the SY Aqua shrimp hatchery, Nallajerla, for in-depth theoretical sessions on shrimp hatchery management, breeding, and nursery management. Sri. Ramesh, Technician has helped in explaining the shrimp hatchery system and management in theoretical and practical terms. This program was coordinated by Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem.



On 04.11.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - Krishi Vigyan Kendra, Venkataramannagudem conducted an exposure visit to the students of Government Degree College, Nidadavole on production technology of vermicompost and Azolla.

On 14.11.2023. Dr.YSRHU-KVK,VRGudem conducted a practical exposure visit to the Aquaponics, Aquatic Animal Health Referral Laboratory, IFS farm, Water quality management and Water quality testing and Animal health lab. The program was coordinated by Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem.



Visits

Sri S. Sivaprasad Reddy, State Horticultural Advisor & YSR Dist. Agril advisory Chairman, and Sri Dasaratha Rami Reddy, DHO, Tirupati visited Dr.YSRHU-CRS,Tirupati on November 15, 2023 and visited screen house, field experimental blocks and nursery. Dr. R. Nagaraju, Principal Scientist (Hort) & Head, explained about various ongoing research activities and nursery activities etc.



Dr. K. Dhanujaya Rao , Zonal Research Head, Coastal Zone II, visited Mango Research Station, Nuzvid on 06.11.2023 and reviewed the on-going technical programme.

Publications:

“Fungicidal Management of Basal Stem rot -A Soil Borne Disease in Coconut”. V. Govardhan Rao, B. Neeraja, N.B.V. Chalapathi Rao , A. Kireeti V. Anoosha , Vinayak Hegde , Ravi Bhat , Kiran Kumar K.C. and B. Srinivasulu in Biological Forum – An International Journal 15(10): 447-453 (2023).

Patron: **Dr T.Janakiram**, Vice-Chancellor
Editors: **Dr.A.S.Padmavathamma**, Dean of Horticulture
Dr L. Naram Naidu, Director of Research
Dr B.Srinivasulu, Registrar
Dr E. Karuna Sree, Director of Extension
Sub-Editor : **Sri K.Ratna Kishore Babu**, Public Relations Officer
Dr Y.S.R. Horticultural University
Administrative Office, Venkataramannagudem-534 101,
West Godavari district, Andhra Pradesh
Visit our website at <https://drysrhu.ap.gov.in>