



# Dr YSRHU e-Newsletter

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



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Dr YSRHU e-Newsletter

16-30 June 2023



## Fortnight Focus

- The Events
- Education
- Research
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## From Vice- Chancellor's Desk

International Yoga Day, also known as World Yoga Day, is an annual event celebrated on June 21st around the world. It was declared by the United Nations General Assembly (UNGA) in 2014, with the first International Yoga Day being observed on June 21, 2015. The date was chosen because it is the longest day of the year in the Northern Hemisphere, and yoga has deep roots in Indian culture and tradition.

Yoga is an ancient practice that originated in India and involves physical postures, breathing exercises, meditation, and ethical principles. It is known to help improve flexibility, balance, strength, and mental clarity, while also reducing stress and promoting relaxation. The idea behind International Yoga Day is to promote the physical, mental, and spiritual benefits of practicing yoga and to raise awareness about its positive impact on overall health and well-being.

The theme for the International Day of Yoga 2023 is 'Yoga for Vasudhaiva Kutumbakam' or 'Yoga for the Welfare of All as One World-One Family'. At Dr. YSRHU, this significant day is commemorated with great enthusiasm and dedication every year. The university diligently engages its students and staff in the practice of Yoga, recognizing its numerous benefits for physical and mental well-being. To encourage participation and dedication, competitions were organized, and prizes were awarded to inspire students to make Yoga an integral part of their daily routine. In a remarkable achievement, Ms. Sudharani, a third-year B.Sc. student from the College of Horticulture, VR Gudem, emerged as the champion in the AP State Yogasana Championship 2023, held in Kurnool. Her success stands as a testament to the transformative power of Yoga.

It is quite evident that Yoga can - Improve body flexibility, Helps with stress relief, Improves mental health, Increase strength, Reduce anxiety, Improve quality of life, Boost immunity, Improve cardiovascular functioning, Improve sleep and Promote better posture and body awareness.

International Yoga Day is a time to celebrate and appreciate the rich Indian heritage of yoga and its contributions to the holistic well-being of individuals and communities worldwide.

**Dr T. Janakiram**  
Vice-Chancellor

## The Events

### Events

**International Yoga Day, 2023** was celebrated on 21<sup>st</sup> June, 2023 with great enthusiasm by all the institutes under Dr.YSRHU.



## Education

### Swachhata Hi Seva programme

Swachhata Hi Seva programme was conducted on 24th June,2023 at COH, Anantharajupeta. During this programme cleaning activities like weeding, removal of plastic waste etc. in and around the girls hostels were done.

Dr.Ch. Ruth, Professor (Plant Path.), Dr. K. Swarajya Lakshmi, Professor (Hort.), Sri. Y. Ravi Sankar Babu, Physical Director, Dr.Y. Deepti Kiran, NSS Programme Officer and NSS volunteers were actively involved in the campus cleaning programme.



### Participation in Inter University Games Meet of APSHE-Godavari Cluster Group Universities:



Forty six (25 boys+21 girls) contingent from Dr. YSR Horticultural University -College of Horticulture, Venkataramannagudem participated in the Regional Cluster of Godavari Districts Inter University Games Meet organised by Adikavi Nannayya University, Rajamahendravaram during 23rd & 24th June 2023 and won III prize in Basketball, Volleyball and Chess Competitions in both Boys & Girls categories. Dr. A. Harshavardhan, Asst. Prof (Horti.), Mrs. J. Divya, OSA, Dr Y Rambabu, PD accompanied the students.

### SURAKSHA HAMESHA MEETING (SHM) programme



On 27.06.23, Dr Appala Raju Annepu, Manager-Technical service BASF India Ltd visited the college and address the students on the subject of "Creating awareness on handling of chemicals, usage, storage and disposal of crop protection products" with the motto of taking safety to the future generations. Dr. T. Suseela, Prof (Hort.) and OAM organized the programme under the supervision of Dr. M. Madhavi,



Associate Dean, CoH, VR Gudem.

On 27.06.2023, as a part of “Mission Life Style for Environmental awareness (LiFE)”, NSS cell, COH, Chinalataripi conducted Rally in adopted village Palukuru by NSS Volunteers to create awareness to villagers on eco friendly ways to reduce waste at home through slogans and placards. Later slogan writing competition was conducted on “Environmental Studies” to B.sc.(Hons.) Horticulture students and prizes were distributed to the winners by Dr. S.S. Vijaya Padma, Associate Dean. All the staff and students participated in the event. NSS Programme officer, Dr. Y. Yohan Co-ordinated the programme.



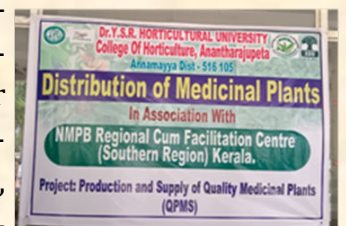
### **Blood Donation:**



NSS volunteers from College of Horticulture, Anantharajupeta helped the needy person who is at critical care at SVIMS by donating blood on 30.06.2023. Four students donated blood voluntarily under the guidance of NSS Programme Officers Dr. Lalitha Kadiri and Dr.Y.Deepthi Kiran. Dr.R. Nagaraju, Principal Scientist and Head, Citrus Research Station, Tirupati and Dr. T. Tulasirami Reddy, Assistant Professor (Agronomy & Soil Science) accompanied the students.

### **NMPB Project: Production and supply of Quality Medicinal Plants (QPMS)**

On 30-06-2023, Distribution of medicinal plants program conducted at College of Horticulture, Anantharajupeta in association with National medicinal plant board, Regional cum facilitation center, South Zone, Kerala under project of Quality planting material of medicinal plants. Dr.Ch. Ruth, In-charge Associate Dean, Sri. Chiranjeevi, Technical Consultant, Kasargod, Kerala, Principal investigator Dr. G. Chandra Mohan Reddy, Assistant professor, Dr. K.M.Yuvaraj, Professor, Dr. K. Swarajya Lakshmi, Professor and Dr.G. Tanuja sivaram, Associate professor other faculty members participated in the programme.



Mr. Mastan valli, M.Sc. student and Alumini of COH, Anantharajupeta, selected as Assistant Prof. at College of Horticulture and Forestry, Central Agricultural University, Pasighat, Arunachal Pradesh. All the teaching staff congratulated him on this achievement.

Sri S.Deepthi, AHD/22-02, Ph.D (Post Harvest) got NSST fellowship for the year 2022-23 (National fellowship and scholarship for higher education of scheduled tribe students) from Ministry of tribal affairs, (Scholarship division) Govt. Of India, New Delhi.

### **Research**

On 19.06.2023, Field collected parasitoid *Brachymeria* samples from Black headed caterpillar infested coconut field of Poduru village, West Godavari district were sent to Division of Germplasm Collection and Characterisation, ICAR-NBAIR, Bengaluru for identification at species level.

Banana cv. Karpura Chakker Keli (AAB) and Banana cv. Sugandhalu (AAB), both the banana conventional genotypes were evaluated at Dr.YSRHU-HRS, Kovvur to identify the morpho-phenological characters. It was found that, fruit size, weight and bunch weight was high in Sugandhalu as compared to K.C.Keli. However, the shelf life is significantly low in Sugandhalu and average in performance in organoleptic evaluation at Kovvur conditions.



Banana cv. Karpura Chakker Keli (AAB)

Banana cv. Sugandhalu (AAB)

Dr.K.Ravindra Kumar, Sr. Scientist (Hort.) and Gourishankar, Technical Assistant, Dr.YSRHU-HRS, Kovvur visited banana fields at Madiki, Kapavaram, Savaram & Penakalmetta on 18<sup>th</sup> June 2023 and identified disease free mother plants of banana cv. Grand naine based on the bunch quality. The sword suckers of 1.5 kg weight were collected as explants for initiation in tissue culture laboratory.



## Extension

### Training Programmes Organized

On 17.06.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK, Venkataramannagudem conducted a training programme to ST farmers from Madakamvarigudem village, Jeelugumilli Mandal, Eluru on "Improved paddy varieties and nursery management practices". Later Dr E. Karunasree, Director of Extension interacted with the farmers and distributed improved paddy seeds to the farmers under OFT on Introduction of Improved paddy varieties for the year 2023-24 kharif under DAP for ST farmers.



On 20.06.2023 Krishi Vigyan Kendra, Dr. Y.S.R. Horticultural University, Venkataramannagudem has conducted the one-day training program on 'Scientific Management of Small Ruminants'. Dr.E.Karuna Sree, Director of Extension participated as Chief Guest and mentioned about the importance of small ruminants for economic benefit. Dr. B. Ananda Rao, PS & Head, BRS, Dr. Teja, Scientist, BRS, took the classes on the scientific management of small ruminants. This program was co-ordinated by Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRgudem.

On 23-06-2023, as a RHWEP in charge, Dr. K. Venkata Subbaiah. Scientist (Horti.), Dr.YSRHU-KVK, VRGudemco-ordinated skill training program on Protected cultivation of Horticultural crops, and Hi-Tech nursery to RHWEP students. In this program the students were explained about the Hi-Tech nursery, suitable horticulture crops for protected cultivation and their improved cultivation practices.



Dr. Thompson, Scientist

Fifteen Innovative Horticulture farmers along with ADH from Sivagangai District Tamilnadu under NHM-2022-23 visited the Citrus Research Station, Tirupathi on 26/06/2023 and a training on latest production and protection technologies was conducted by Dr. R. Nagaraju, Principal Scientist (Hort), Dr. L. Mukundalakshmi, Senior Scientist (Hort) , Dr. D. Srinivasa Reddy, Senior Scientist (Ento), Dr.T.Rajasekharam, Senior Scientist (PP) of CRS, Tirupathi and later visited Information Centre, experimental blocks and nursery.

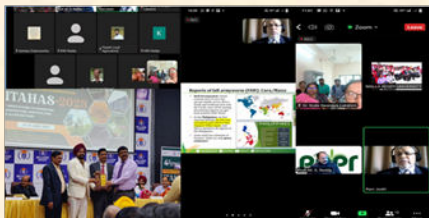


Dr.YSRHU- KVK, Nellore -2 (Periyavaram) on 23.06.2023 Dr.B.Vijayasree, Scientist (Home Science) conducted training to farm women of Yathalur (vil.), Venkatagiri (M) of Tirupathi, District on “Crop residue management and creating Wealth from Waste” as part of Swachhta Action Plan (SAP) activities and the farmers were suggested on adoption and establishment of Vermicomposting units at household level. Establishment of those units

has been giving double benefits such as cleanliness and income for the farm families. The women were explained about the conservation of soil, water, air and other natural resources for a clean and green environment. In this programme Sachivalayam staff and farm women have participated.

### Training Programmes Participated

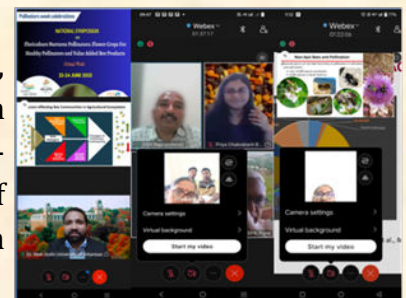
On 17.06.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK, Venkataramannagudem participated in workshop on “Capacity enhancement of quality control inspectors” organized by department of Agriculture in Dr YSRHU-KVK, VR Gudem. Dr. M. Raghavendra Reddy, Scientist (SS&AC) coordinated the programme and explained about “Integrated Nutrient Management” to extension functionaries.



Dr.Ch. Ruth, Professor (Pl. Path), Dr. K. Swarajya Lakshmi, Prof (Horti), along with PG students participated in 4<sup>th</sup> international Agriculture conference, (ITAHAS- 2023 – International conference Innovations to transform Agriculture, Horticulture & Allied Sectors) Organized by Just Agriculture Education group, Mallareddy University, Hyderabad in collaboration with ISAHRD- Society, Chandigarh,

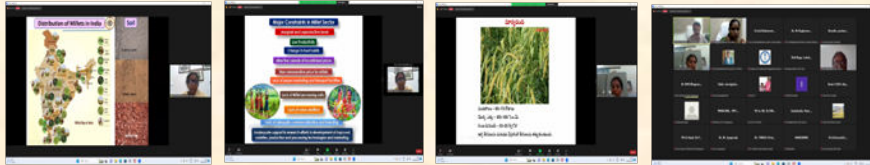
in hybrid mode. It was conducted during 21-06-2023 to 23-06-2023. Abstract on “Prevalent pest and diseases in Horticultural crops and management of thrips in onion crop in Andhra Pradesh” was presented.

Dr.Ch. Ruth, Professor (Pl. Path), Dr. K. Swarajya Lakshmi, Prof (Horti), along with PG students participated in National Symposium on “Floriculture Nurtures pollinators: Flower crops for Healthy pollinators and value added bee products”, organized by ICAR –Directorate of Floricultural Research, Pune-411-036, Maharashtra by virtual mode on 23-24 June 2023.



## International Year of Millets, 2023

Webinar on organic cultivation practices of minor millets, as a part of Celebration of International year of Millets, 2023 was conducted by Farmers Advisory Cell, under the guidance of Dr.T.Janakiram, Vice- Chancellor, Dr.YSRHU and co-ordination of Dr. A.S. Padmavathamma, Dean of Horticulture, Dr.L.Naram Naidu, Director of Research, and Dr. E.Karuna Sree, Director of Extension, Dr.YSRHU . Dr. A. Anuradha, Senior Scientist and head, ARS, Vijianagaram spoken about “Minor millets-Importance, types & varieties. Dr. L. Madhavi Latha, Principal Scientist (Millets), AN-GRAU spoken about “Production technology of Minor Millets”. Later, APCNF resource persons shared their experiences in production of minor millets. All the Institute of Dr.YSRHU actively participated in the webinar.



## Out scaling of Natural Farming

On 20-06-2023, Agriculture (Vocational) Internship Students prepared the nursery beds and sowing the vegetable seeds at KVK, Pandirimamidi. Dr. P. Lalitha Kameswari, Principal Scientist and Head of KVK, Pandirimamidi conducted practical session to Agriculture (Vocational) Internship students on Nursery bed preparation and seed sowing in nursery beds and portrays.



## Vice-Chancellor to Village

Dr.K.Gopal, Associate Dean, Dr.Ch. Ruth, Professor (Pl. Path), Dr. K. Swarajya Lakshmi, Prof (Horti), Dr.T.Tulasiram Reddy, Asst. Prof. (SSAC), Dr.K.Eresh, Asst.Prof.(AgrlEngg.), Dr.Nischala, Asst.Prof.(Ento), College of Horticulture, Anantharajupeta along with RBK staff K.Yeshwanth, VHA conducted valedictory function on 16-06-2023 under VC to Village programme. One year of activities were conducted in adopted village Y.Kota



village, Obulavaripalli mandal, Annamayya district, with the cooperation of all farmers, village surpanch Sri M.Eswarah, Mandal Parishad Panchayath Secretary K.Mamatha, Village M.P.T.C. Sri Subramanyam, State department of Horticulture and Agriculture officials and RBK VHA Yaswanth. As part of the programme mango show was organized exhibiting all mango varieties. Microbial consortium, Fruit fly traps were displayed and explained its importance. Farmers interaction meeting was arranged and all queries raised by the farmers were answered by the faculty. In view of the this, Mango, Guava, Pomogranate, Sapota, Water apple, Neredu and flower plants were distributed to the farmers with the slogan of planting of one plant in every home.

## Diagnostic visits

On 17-06-2023, Dr. K. Venkata Subbaiah, Scientist (Horticulture) and Dr. Venkata Satish kuchi, Scientist (Horticulture) conducted a diagnostic field visit in okra crop and suggested RDF and Integrated pest and disease management practices for enhancing the yield.





On 21.06.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr YSRHU-KVK, Venkataramannagudem conducted diagnostic field visits in Vellamilli and Badampudi villages. M. Raghavendra Reddy, Scientist (SS&AC) suggested to plan the nursery of paddy at a place without shadow. Also, explained better decomposition methods in the field for effective decomposition of farm produce. Also, suggested to apply

FYM, B and K along with straight fertilizers to young Coconut plants for better bearing and to overcome immature nuts.

On 21.06.2023 Dr.A.Devivaraprasad Reddy, Scientist, KVK VRgudem has conducted the diagnostic visit to the murrel fish farm in Chodavaram, and identified bacterial disease management and suggested the remedial measures.



On 22.06.2023 Sri.G.Shali Raju, Scientist (Entomology) and Dr.E.Karuna Sree, Principal Scientist and Head,Dr.YSRHU-KVK, V.R.Gudem conducted Diagnostic field visit in Coconut intercropping with Acidlime orchard at Nallajerla village and observed Boron deficiency, infestation of Rhinoceros beetle, Red palm weevil, Rugose Spiraling whitefly and Bondars Nesting Whitefly, Stem bleeding and Ganoderma disease in Coconut, Citrus canker and Dry root rot disease in acid lime and suggested suitable remedial measures.

Dr.Ch.Ruth, Professor (Pl.Path), Dr. K.Swarajya Lakshmi, Prof (Hort.), Dr.K.Arunodhayam, Asst. Prof. (Pl.Path) along with first year PG students observed bacterium leaf spot, sclerotium wilt, stemphylium leaf spot in tomato and leaf curl in tomato in Y.kota village on 25-10-2022 and suggested foliar spraying of hexaconazole @2 ml / L. of water and drenching with metalaxyl 2g./L.of water.

Dr.Ch. Ruth, Professor (Pl. Path) and Dr.K.Swarajya Lakshmi, Prof (Horti) observed oozing in pods by fruit fly infestation in drumstick and suggested removal of all infected pods in the field. Spray with spinosad 0.3 ml/l. of water with neem oil for early control of drumstick field or regular spray with Malathion 2 ml or neem oil 5 ml with Pongamia soap on 21-06-2023 in farmer's field.



Dr. G. Rajeswari, Asst. Prof. (Ento), Dr.Ch. Ruth, Professor (Pl. Path), Dr. K. Swarajya Lakshmi, Prof (Horti), observed fruit fly infestation, arranged fruit fly traps in the mango garden at COH, Anantharajupeta and also farmers field Sri K.Srikanth, K.R. Kandriga, to assess the fruit fly population in the Mango garden. Explained the farmers about advantages of fruit fly traps in controlling fruit flies.



On 16.06.2023 Dr. D. Thirupal, Scientist (Horticulture) and Dr. B. Vijayasree, Scientist (Home Science) Dr.YSRHU-KVK, Periyavaram visited the banana field as a part Dr.YSRHU- Year of Banana, 2022-23 at Bandupalem village, Venkatagiri mandal, Tirupathi district. Observed the sigatoka leaf spot as a major disease and suggested that spraying of Propiconazole @1ml/lit + mineral oil @ 10ml/L thrice in 25 days intervals.



On 22-06-2023, scientists Dr.YSRHU - KVK, Vonipenta visited the Guava field at Boppapuram village of Porumamilla mandal. As a part of visit, scientists observed the mealy bug infestation and nematode infestation in the field and suggested application of 250 g.neem cake in combination with carbofuran granules @ 60 g/plant for the control of mealy bugs and nematode infestation respectively. Sri. Sambaturu Prasad Reddy, Hon'ble Advisor to Horticulture, Dr.Srinivasachari, Principal Scientist & Head from ARS, Utukur, Dr.Muralikrishna, Programme Coordinator, DAATTC, Utukur, Dr.Veeraiah, Programme Coordinator, KVK, Utukur, Shri. Muralidhar Reddy, ADA, Porumamilla, Dr. N. Srividya Rani, Scientist & Head and Dr. M. Harsitha, Scientist (SSAC) of KVK, Vonipenta and Sri Srinivasulu Reddy, HO, VAA, VHA of Porumamilla division participated in the diagnostic visit.

On 24.06.2023 Dr.E.Karuna Sree, Principal Scientist and Head, Dr.A.Devivaraprasad Reddy, Scientist, KVK VRgudem has conducted the diagnostic visit to the shrimp farm near Bhimadolu mandal where new farmers are taking shrimp culture and suggested the better management practices in shrimp culture.



### Method demonstration

On 20-06-2023, KVK, Vonipenta Scientists conducted method demonstration of soil sample at Itukulapadu village of Kasinayana mandal. Soil was collected at 2 to 3 feet distance below and by doing quartering method a representative soil sample of half kg taken from each field.



On 22-06-2023, soil sample was collected in the farmer's field at Chenareddypeta village of Porumamilla mandal. As a part of this, soil profile of 5 feet depth was made in the field and soil sample from each horizon was collected. Sri. Sambaturu Prasad Reddy, Hon'ble Advisor to Horticulture Dr.Srinivasachari, Principal Scientist & Head from ARS, Utukur, Dr.Muralikrishna, Programme Coordinator, DAATTC, Utukur, Dr.Veeraiah, Programme Coordinator, KVK, Utukur, Dr. N. Srividya Rani, Scientist & Head and Dr. M. Harsitha, Scientist (SSAC) of KVK, Vonipenta and Smt.Subhashini, ADH, Sri. Srinivasulu Reddy, HO, ADA, Shri. Muralidhar Reddy, ADA, Sri. Zakir Hussain, AO and AEO, VAA, VHA of Porumamilla division participated in the programme. Five profiles were dug for the sample in profile form and 20 soil samples were collected from the profiles.



### Front Line Demonstrations:

On 16-06-2023, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and K. Veeranjanyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi has conducted field day at Paidiputta village of Y. Ramavaram mandal as a part of CFLD on Demonstration of Groundnut variety Kadiri Lepakshi. The variety performed well compared with local variety in yield and yield attributes. Total 25 farmers (ST), V. Usha Babu Rao, Agriculture Officer, Y. Ramavaram mandal, VAAs and VHAs participated in the programme.



On 16.06.2023 Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram distributed Gibberellic acid (GA3) to the beneficiary farmers as a part of Frontline demonstration on “Flower regulation practices in Acid lime for higher yields” at Bandupalem village, Venkatagiri mandal, Tirupathi district. Enlightened the GA3 role in flower regulation and also conducted a demonstration on preparation of 50 ppm GA3 solution for spraying in Acid lime farmer’s field. Dr. B. Vijayasree, Scientist (Home Science) and farmers participated.

On 23.06.2023, Dr. S. Firoz Hussain, Scientist (Horticulture), Krishi Vigyan Kendra, Vonipenta made a follow up visit to Front Line Demonstration on Demonstration of Regulation of Flowering in Acid Lime at Settivaripalle village of Mydukur Mandal. The scientist observed that the trees treated with gibberellic acid @ 50 mg per litre are larger in size than the trees not treated with gibberellic acid which are smaller in size.

On 20.06.2023, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram distributed Gibberellic acid (GA3) to the beneficiary farmers as a part of Front Line Demonstration on “Flower regulation practices in Acid lime for higher yields” at Kayyur and Venugopalapuram villages, Balayapalli mandal, Tirupathi district. Enlightened the GA3 role in flower regulation and also conducted a demonstration on preparation of 50 ppm GA3 solution for spraying in Acid lime farmer’s field.



On 22-06-2023, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Krishi Vigyan Kendra, Pandirimamidi has initiated front line demonstrations on demonstration of mushroom production in tribal area of Alluri Seetharamaraju district under TSP-2023. As a part of FLD, distributed spawn to the beneficiary farmers.

### On Farm Trials:

On 17.06.2023 and 26.06.2023 Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted OFT on ‘Assessment of different mineral mixture supplements on growth performance in Goats’ at Chapalapalle and Golapalle villages of Dakkili and Balayapalle mandals, Tirupati Dist. Distributed Nandi Goat min, mineral mixture and area specific mineral mixture. Enlightened beneficiary farmers on benefits of mineral mixture usage in Goats.



## Field visits

Dr.YSRHU- KVK, Nellore -2 (Periyavaram) on 22.06.2023

Dr.B.Vijayasree, Scientist (Home Science) conducted Field Visit to Nutrigarden beneficiary farmer field at Palemkota village of Venkatagiri (M) and the farmers were suggested adopting Natural



farming methods and formulations like Jeevamrit and Ghanajeevamrith to use as inputs for nutritional requirements of Nutrigarden crops which control in the repulsion of pests and diseases and support the growth and development of the crops and the ultimate yield of vegetables, leafy vegetables and fruits harvested will improve the health and nutritional status and also help to generate additional income.

## 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 June, 2023 (3-4 PM).

Date	Topics	Scientist Name
16.06.2023	కర్రపెండలంలో మినిసెట్ పద్ధతి ద్వారా నారుమడి తయారీ	Dr. M.Jhanaki, Scientist & Head, HRS, Peddapuram
17.06.2023	ఉద్యాన పంటలలో ఫెర్టిగేషన్ ప్రాముఖ్యత	Dr.K. Venkata Subbaiah, Scientist, KVK, VR Gudem
19.06.2023	అరటి లో సమస్యత్మకంగా మారుతున్న చీడపీడలు - తీకోవలసిన జాగ్రత్తలు	Dr.A. Snehalatha Rani, Sr. Scientist, HRS, Kovvur
20.06.2023	మామిడి తోటల్లో కోత అనంతరం చేపట్టవలసిన చర్యలు	Dr.T.Kranthi Kumar, Scientist, KVK, Pandirimamidi
21.06.2023	చీనీ మరియు నిమ్మ లో సమగ్ర పోషక యాజమాన్యం	Dr.M.Harshitha, Scientist, KVK, Vonipenta
22.06.2023	జీడిమామిడి తోటల్లో కోత అనంతరం యాజమాన్య పద్ధతులు	Dr.K.Rajendra Prasad, Sr. Scientist, HRS, Pandirimamidi
23.06.2023	తమలపాకు తోటల్లో చేపట్టవలసిన సస్యరక్షణ చర్యలు	Smt.P.Sunitha, Sr. Scientist, HRS, VR Gudem
24.06.2023	మునగ సాగులో మేలైన యాజమాన్య పద్ధతులు	Dr.C.N.Byanna, Principal, HPT, Kalikiri
26.06.2023	అరటిలో అధిక దిగుబడులకు పాటించవలసిన గౌల యాజమాన్యం	Dr.K.Ravindra Babu, Sr.Scientist, HRS, Kovvur

27.06.2023	దానిమ్మలో పాటించవలసిన సమగ్ర సస్యరక్షణ	Dr.K. Subramanyam, Pr. Scientist & Head, HRS, Mahanandi
28.06.2023	జామ సాగులో అధిక దిగుబడులకు చేపట్టవలసిన యాజమాన్య పద్ధతులు	Sri E. Khamdar Naik, Scientist, CRS, Petlur
30.06.2023	అనాస సాగులో పాటించవలసిన యాజమాన్య పద్ధతులు	Smt. Ch.Bindhu, Scientist, HRS, Chitapalle

### 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 June Second fortnight, 2023.

Date	Topics	Scientist Name
16.06.2023	అరటిలో రకాల ఎంపిక మరియు మేలైన యాజమాన్య పద్ధతులు	Dr.M.Vishwanath, Scientist, HRS, Kovvur
19.06.2023	ఉద్యాన పంటల్లో అధిక దిగుబడి పొందేందుకు హార్మోన్ల వినియోగంలో తీసుకోవలసిన జాగ్రత్తలు	Dr.A.Reshma, Scientist, BRS, Pulivendula
23.06.2023	జీడిమామిడిలో మేలైన యాజమాన్య పద్ధతులు మరియు అంతర పంటల సాగు	Dr.K.Uma Maheswara Rao, Sr. Scientist, CRS, Bapatla
26.06.2023	మెట్ట సాగు పంటలలో నేల, నీటి సంరక్షణ	Dr.P.Madhavi Latha, Sr. Scientist, HRS, Vijayarai
29.06.2023	కనకాంబరంలో సమగ్ర యాజమాన్య పద్ధతులు	Dr.D.Sreedhar, Sr. Scientist, HRS, AR Peta

### TV/Radio

Dr. K. Mamatha Principal Scientist (Hort.) has given a TV programme on Scientific management of Elephant foot yam for 10TV on 25.6.2023.

Dr. A. Snehalatha Rani, Senior Scientist (Pl. Path.) has given a TV programme on Management of Sigatoka leaf spot in Banana for 10TV on 25.6.2023

## General

Dr.K.Ravindra Kumar, Sr. Scientist (Hort.), Dr.YSRHU-HRS, Kovvur and Dr. K. UshaKumari, Associate Professor (Hort.), Dr.YSRHU-COH, V.R.Gudem attended the one day faculty development programme on "Design thinking" at University Convention Center, AdikaviNannaya University, Rajamahendravaram on 21<sup>st</sup> June 2023. Dr.PadmaRaju, Hon'ble VC of AdikaviNannaya University acted as chief guest and Dr. N.M.K.Bhatta, Dean (Research), XIME, Bengaluru as a resource person for this programme.



On 23.06.2023 and 24.06.2023 Sri.G.Shali Raju, Scientist (Entomology), Dr.YSRHU-KVK, V.R.Gudem attended National Symposium on "Floriculture Nurtures Pollinator: Flower crops for Healthy Pollinators and Value added Bee Products" organised by ICAR- Directorate of Floricultural Research", Pune.



Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem has participated in the Food and Agricultural Organisation (FAO) in the Launching Ceremony of the newly designated FAO Reference Centres for Antimicrobial Resistance (AMR) and Aquaculture Biosecurity followed by the Technical meeting: "Challenges in Aquatic Antimicrobial Resistance (AMR) Mitigation and Possible Solutions" on 26.06.2023 through online.

Dr.A.Devivaraorasad Reddy, Scientist, DrYSRHU - KVK, VR Gudem participated in the launch event of Report Fish Disease mobile NSPAAD exclusive app for the aquaculture sector and Shri Parushottam Rupala, Hon'ble Minister for Fisheries, Animal Husbandry & dairying, Govt. of India in the presence of Dr. L. Murugan, Hon'ble Minister of State, Fisheries, Animal Husbandry, & Dairying sector, Govt. of India, on 27.06.2023 through online meeting.



## HRD Trainings:

Dr. Venkata Satish Kuchi, Scientist (Horticulture), Dr.YSRHU-KVK, V.R.Gudem attended training programme at EEI, Hyderabad on "Postharvest management, value addition and extension approaches in agri and horticulture sector" from, 20.06.2023 to 24.06.2023, organised by Extension Education Institute, Directorate of Extension, Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India, PJTSAU, Hyderabad.

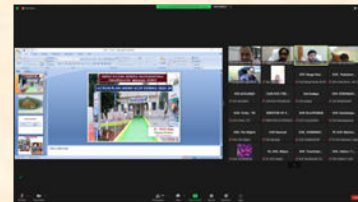
Sri.G.Shali Raju, Scientist (Entomology), Dr.YSRHU-KVK, V.R.Gudem attended webinar on "Latest Agriculture Input Acts" on 27.06.2023 organised by Extension Education Institute, Directorate of Extension, Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India, PJTSAU, Hyderabad .

On 28.06.2023 Sri.G.Shali Raju, Scientist (Entomology), Dr.YSRHU-KVK, V.R.Gudem and Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram attended Orientation Training to the Master Trainers for 'Safe and Judicious use Glyphosate' by PCOs organised by NIPHM Hyderabad.

## Meetings

On 16.06.2023, Dr. V. Govardhan Rao, Scientist (Plant Pathology) attended District level AAB meeting at Collectorate office, Amalapuram, Dr. B. R. Ambedkar Konaseema District.

Dr. E. Karuna Sree, Director of Extension along with Heads and Nodal officers of KVKs VR gudem, Pandirimamidi, Vonipenta and Periyavaram for SC Sub Plan participated in the KVKs Development Action Plan for SCs review workshop (Virtual) organised by ICAR-ATARI-X, Hyderabad and presented the significant achievements and proposed action plan for the year 2023-24 for DAP – Sc on 27.06.2023.



Scientist of CRS, Tirupati attended review meeting and presented the action taken report of 15<sup>th</sup> State Level Technical Programme of Dr YSRHU through virtual mode from 27/06/2023 to 28/06/2023.

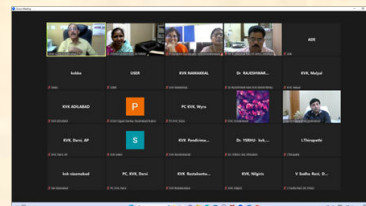
On 27.06.2023 and 28.06.2023, Scientists of Dr. YSRHU-HRS, Ambajipeta, attended review meeting on 16<sup>th</sup> State Level Technical Programme and presented the action taken report on recommendations of 15<sup>th</sup> SLTP.



On 21.06.2023, Dr.Srividya Rani.N, Scientist and Head, KVK, Vonipenta attended a meeting on “A Research Project on living income for Turmeric farmers” organized by Job booster enterprises in association with Nedspice and Fuchs Gruppe organization at Kadapa. In this programme, Scientist and Head interacted with the farmers on management practices in turmeric in *Kharif* season and farmers from Kanugaduru, Duvvuru and

Mydukur attended the meeting.

Dr. E. Karuna Sree, Director of Extension along with Heads and Nodal officers of KVKs VR gudem, Pandirimamidi, for TSP participated in the KVKs Development Action Plan for STs review workshop (Virtual) organised by ICAR-ATARI-X, Hyderabad and presented the significant achievements and proposed action plan for the year 2023-24 for DAP – Sc on 30.06.2023.



## Exposure Visits



On 16-06-2023, KVK, Pandirimamidi participated in ‘One day awareness cum exposure visit to KVK, Pandirimamidi for the input dealers under DAESI program’. Dr. P. LalithaKameswari, Principal Scientist and Head of KVK, Pandirimamidi addressed trainees on KVK mandated activities and explained about good management practices in Horticulture crops. Trainees also visited the demo units located in KVK and scientists of KVK, Pandirimamidi explained about the demo units Viz: Horticulture Nursery, Cashew processing unit, Mushroom unit, Honey bee, Azolla unit, Vermi compost unit, Poultry and Goat unit etc.

On 24-06-2023, Divisional Forest Officer (DFO), Rampachodavaram visited KVK, Pandirimamidi. Dr. P. LalithaKameswari, Principal Scientist and Head of KVK, Pandirimamidi along with the team of scientists explained about KVK mandate activities and scientists taken around the demo units (Horticulture Nursery, Cashew processing unit, Mushroom unit, Honey bee apiary, Azolla unit, Vermi compost unit, Poultry and Goat unit and Fish ponds etc.)



## Awards

From 22-24<sup>th</sup> June 2023, Dr.N.B.V.Chalapathi Rao, Principal Scientist (Entomology) participated in National Seminar on Evolving Extension Science Towards Secondary Agriculture for Sustainable Development, at UAS,GKVK, Bengaluru, delivered a oral presentation on “ Large scale impact of bio-control based IPM technology against Rugose spiralling whitefly *Aleurodicus rugioperculatus* in Andhra Pradesh” and received “Best Oral Presentation Award” .



## Publications

Ganesune Lakshmi Prasanna, K. Gopal, CH. Ruth, Y.Sireesha, Syed Sadarunnisa, Padmaja V.V. (2023). Colonial and morphological variability among the isolates of *Xanthomonas axonopodis* pv. *citri* Causing acid lime canker".The Pharma Innovation Journal; 12(6):101-105.

Ganesune Lakshmi Prasanna, K. Gopal, Ch. Ruth, Y.Sireesha, Syed Sadarunnisa, Padmaja V.V. (2023). Determination of optimum incubation time for the formation and quantification of *Xanthomonas axonopodis* pv. *citri* Biofilms on Abiotic Surface. Biological Forum- An International Journal 15(5):681-687.

Mukunda Lakshmi, L., K.T. Venkata Ramana, D. Sreenivas Reddy and T. Rajasekharam, 2023. Performance of Acid Lime Cultivars in Laterite Soils of Andhra Pradesh, *International Journal of Innovative Horticulture*. 12(1):83-86.

L Mukunda Lakshmi , K.T. Venkata Ramana, P.S. Shigure, A.K. Srivastava and P. Prakash Patil, 2023. Stage Wise Water Requirement for Drip Irrigated Acid Lime Orchards in Rayalaseema Region of Andhra Pradesh, *International Journal of Innovative Horticulture*. 12(1):87-91.

L. Mukunda Lakshmi. K.T. Venkata Ramana, D.Sreenivas Reddy and T. Rajasekharam, 2023. Optimizing Yields in Sweet Orange (*Citrus sinensis* Osbeck) through Phenology based Nutrition, *International Journal of Innovative Horticulture*. 12(1):92-96.

Gowthami O.N.S., Mukunda Lakshmi L., Sreenivas Reddy D, Rajasekharam T and Vinaya Kumar Reddy P,2023. Evaluation of Acid Lime ( *Citrus aurantifolia* Swingle) Clones for Growth, Yield and Quality Attributes, *International Journal of Innovative Horticulture*. 12(1):97-101.

P. V. Raghuteja, N. B. V. Chalapathi Rao, E. Padma, A. Kireeti , K. Emmanuel, K. Umakrishna and V. Sekhar. “Efficacy of biopesticides under moderate infestation levels of exotic Rugose Spiraling Whitefly (RSW), *Aleurodicus rugioperculatus* Martin in coconut (*Cocos nucifera* L.) plantations” *Journal of Biological Control*, 36(2&3): 136-142, 2022.

V. Govardhan Rao, N. B. V. Chalapathi Rao, Ch. Sreenivas, B. Neeraja, A. Kireeti, G. Koteswara Rao, B.V.K. Bhagyan and B.Srinivasulu. “Abiotic stress as potential contributing factor to onset and severity of infection caused by *Lasiodiplodia theobrome* an oppotunistic fungal pathogen in coconut” *Pollution Research*, 42 (2): 261-268, 2023.

Dr. N.B.V. Chalapathi Rao, B. Srinivasulu and T. Janakiram. Bioagents for Horticultural Crops (Production, multiplication and application) ISBN No. 978-93-5912-924-2 published by Dr. YSRHU-Horticultural Research Station, Ambajipeta.

Ch.S. Kishore Kumar, G. Ramanandam, K. Mamatha, K. Ravindra Kumar, A. Snehalatha Rani and M. Viswanath. 2023. Nulipurugula Samagra Yajamanyam. Dr.YSR Rythu Bharosa. June. Pp: 28-29

G. Ramanandam, K. Mamatha, K. Ravindra Kumar, A. Snehalatha Rani, Ch.S. Kishore Kumar, and M. Viswanath. 2023. Kanda Saagu – Bhale Baagu. Dr.YSR Rythu Bharosa. June. Pp: 20-21

### **Superannuation:**

On 30.06.2023, Dr. B.Srinivasulu, Principal Scientist & Head, Ambajipeta, Zonal Research Head OF Coastal Zone –I and Director , P&M cell Dr. YSR Horticultural university has been felicitated by Dr. T. Janakiram Hon'ble Vice-chancellor, Dr. L. Naram Naidu, Director of Research, Dr. B. Srinivasulu, Registrar, Scientists and staff of HRS Ambajipeta on his superannuation day.



Sri J.Lokanadaiah, Agriculture Extension Officer, Dr.YSRHU-CRS, Tirupati felicitated by the Scientists and Staff on 30.06.2023 on attaining superannuation.

*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  
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