



Dr YSRHU e-Newsletter

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



Vol.VIII, Issue-14

Dr YSRHU e-Newsletter

16-31 July 2022

Fortnight Focus

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From Vice-Chancellor's Desk

Dr.YSRHU INITIATIVES FOR ORGANIC HORTICULTURE



Dr.YSR Horticultural University (Dr.YSRHU) has developed organic protocols for Turmeric, ginger, colocasia, diascoria, sweet orange, acid lime, elephant foot yam and banana. Under Mana Viswavidyalayam - Mana Sendriya Gramam organic certification to 60 farmers with the intervention of Dr.YSRHU-KVKs. Introduced organic vegetable cultivation in adopted villages under Mana Gramam – Mana Poshana Thota. Initiated a certificate course on “Organic Farming in Horticulture”.

Forty tow institutes (8 Colleges of Horticulture, 11 Horticultural Polytechnics, 19 Horticultural Research Stations & 4 Krishi Vigyan Kendras) under Dr.YSRHU have adopted 126 villages / RBKs under Vice-Chancellor to Village (Mana Gramam - Mana Viswavidyalayam) programme and creating awareness on Organic Horticulture to motivate towards Mana Viswavidyalayam - Mana Sendriya Gramam theme.

Dr T.Janakiram
Vice-Chancellor

The Events

Inauguration of certificate course

Dr. T. Janaki Ram, Hon'ble Vice - Chancellor & Chairman of Certificate Course, Dr.YSRHU inaugurated three months certificate course on "Organic farming in Horticultural Crops" jointly organised by Dr.YSRHU-KVK, VR Gudem and Dr.YSRHU-CoH, VR Gudem on 21 July 2022 at Horti Business Incubation Centre, CoH, Venkataramannagudem. During the programme Hon'ble Vice-Chancellor briefed the course details, organic production of Horticultural crops, marketing, certification of produce etc. Co-Chairmen Dr.A.S.Padmavathamma, Dean of Horticulture & Dr.B.Srinivasulu, Director of Extension, Course Co-ordinators, Dr. E. Karunasree, Principal Scientist & Dr.YSRHU-KVK, VRGudem & Dr. R.V. Sujatha, Associate Professor, Dr.YSRHU-CoH, VRGudem registered participants, faculty & students have participated in the event.



Seminar



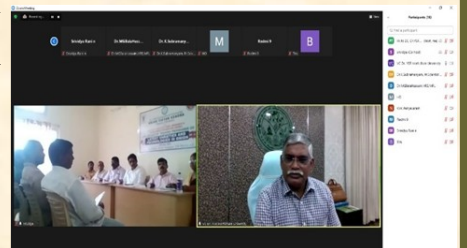
A one day seminar on "Lisianthus and future flowers" through hybrid mode was conducted by Dr.YSRHU-CoH, Venkataramannagudem, Dr. YSR Horticultural University in collaboration with Sakata Seeds India pvt. Ltd on 19 July 2022. The seminar aimed at creating awareness on novel and upcoming flower crops especially Lisianthus. There were three technical sessions covering production, improvement and value addition aspects in the novel flower crops like Lisianthus, Pansy, Aster, Ornamental sunflower, Ornamental banana. The inaugural session had the gracious presence of Hon'ble Vice-Chancellor Dr. T. Janakiram, who delivered inaugural address and released a folder on Dr. B.P. Pal Rose Garden as well as the first edition of students newsletter. Soon after the inaugural session, the Lisianthus exhibition was inaugurated by him wherein different cultivars of Lisianthus were displayed. The prizes were awarded to the school children who won prizes in the art competition, conducted on Lisianthus painting after the seminar during valedictory. University officers, PG students, Teaching staff and Progressive farmers participated in the programme. Dr.A.S.Padmavathamma, Dean of Horticulture co-ordinated the programme.

Dr. T. Janakiram, who delivered inaugural address and released a folder on Dr. B.P. Pal Rose Garden as well as the first edition of students newsletter. Soon after the inaugural session, the Lisianthus exhibition was inaugurated by him wherein different cultivars of Lisianthus were displayed. The prizes were awarded to the school children who won prizes in the art competition, conducted on Lisianthus painting after the seminar during valedictory. University officers, PG students, Teaching staff and Progressive farmers participated in the programme. Dr.A.S.Padmavathamma, Dean of Horticulture co-ordinated the programme.



Inaugurations

On 28 July 2022, Solar poly drier was inaugurated by Dr.T.Janikiram Hon'ble Vice Chancellor, Dr.YSRHU-KVK, Vonipenta virtually. After the inauguration Dr. T. Janikiram, Hon'ble Vice Chancellor, Dr.YSRHU addressed the farmers virtually about the advantages of Solar poly drier for uniform drying of horticultural produce and also production technologies in Onion. Dr.B.Srinivasulu, Director of Extension, Dr.Alok Kumar Singh, Asst.Director, NHRDF, Dr.Srividya Rani, Scientist & Head, Dr.YSRHU-KVK, Vonipenta, staff and farmers have participated in the event.



Education

Vruksharopan Abhiyan Plantation drive

Rare tree species planting programme was organized as a part of "Vruksharopan Abhiyan Plantation Drive" - biodiversity conservation at Dr.YSRHU-CoH, Anantharajupeta on 22 July -2022. Rare tree species (Wild Mango, Dalbergia latifolia etc.,) were planted by Dr.B.M.K.Reddy, Chairman, AP State Biodiversity Board, Sri Y. Raghunatha Reddy, Forest Range Officer, Railway Kodur, Dr. B. Srinivasulu, Associate Dean, NSS program officers Dr.Lalitha Kadiri, Assoc. Prof. (Agro.), NSS (PO-II), Dr. Y. Deepthi Kiran, Asst. Prof. (Agro.),NSS (PO-I), all teaching and non- teaching staff and students of COH, Anantharajupeta participated in the program.



Orientation to RHWEP and ELP students



Dr.B.Srinivasulu, Associate Dean, Dr.G.TanujaSivaram, OAM (UG), Associate Dean Representatives for RHWEP and ELP Managing Directors and Managers of 6 ELP Modules conducted orientation programme to final year B.Sc. (Hons.)Horticulturestudents on 28 & 29 July 2022, respectively.

RHWEP students allotted to KVK, Vonipenta and HRS, Mahanandi were taken to their respective allotted places by the Associate Dean Representatives Dr.Ch.Ruth, Professor (Pl.Path.), Dr.G.Chandramohan, Asst. Prof. (Horticulture) and Dr.B. Hari- vara Prasad, Asst. Prof (GPBR) on 30 July 2022.



Placement cell



A campus interview was conducted by Southern Petrochemical Industries Corporation (SPIC) Limited, Chennai at Dr.YSRHU- CoH, Anantharajupeta on 18 July 2022 under the guidance of Associate Dean and coordinated by Placement cell in-charge teachers Dr.K.M. Yuvaraj, Prof. (Hort.) and Dr. S.B. Ramya Lakshmi, Asst.Prof. (Economics). B.Sc (Hons.) Horticulture (2018 admitted batch) students have appeared for the interview and one candidate Mr.Kiran got selected as Sales Executive for the company.

Students Participation in Yoga League, 2022

A. Sudha Rani, B. Suneetha and Hema Latha of Dr.YSRHU - CoH, VR Gudem secured 2nd, 3rd and 4th places in the district level Yogasana competitions held by West Godavari district Yoga Association, Tade-palligudem held on 24.07.2022 and qualified for participation in State level Yogasana Competitions 2022. A. Sudha Rani secured 5th place in the Yoga League 2022 conducted by Sports Authority of Andhra Pradesh from 29.07.2022 to 31.07.2022 at BR Stadium, Guntur. The event is supervised by Dr. M. Madhavi, Associate Dean, Dr Rambabu, Physical Director and Dr V. Sudha Vani, OSA.



NSS Activities

Dr. B. Srinivasulu, Associate Dean, NSS program officers Dr.LalithaKadiri, Assoc. Prof. (Agro.), NSS (PO-II), Dr. Y. Deepthi Kiran, Asst. Prof. (Agro.), NSS (PO-I) organized the booster dose of vaccination program at Dr.YSRHU - CoH, Anantharajupeta on 22 July 2022. All the teaching, non-teaching staff and UG, PG and Ph.D students gotare vaccinated. Aasha workers from Primary Health Centre, Anantharajupeta, Supervisor, ANM and Mahila Police also participated in the programme.

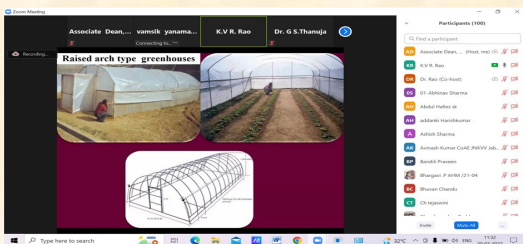


On 22 July 2022, Covid-19 Vaccination drive was conducted at Dr.YSRHU-CoH, Chinalataripi. Dr. S.Surya Kumari, Associate Dean along with Teaching and Non-teaching staff and students had taken the booster dose. The programme was coordinated by NSS Programme officer Dr. K.Jyothirmai Madhavi, Assoc. Prof. (Plant pathology).

On 23 July 2022, Swatch Bharath was conducted under NSS Programme at Dr.YSRHU-CoH, Chinalataripi. Students participated in the programme and cleaned the premises of college. The programme was coordinated by NSS Programme officer Dr. K.Jyothirmai Madhavi, Assoc. Prof. (Plant pathology) and Dr. V. Vijaya Bhaskar, Professor (Hort.).



Webinar



A national webinar on “Emerging Technologies in Horticultural Engineering” was conducted on 20.07.2022 by the Department of Horticultural Engineering and Environmental Science Department, Dr.YSRHU-CoH, Venkataramannagudem. Chief Patron Hon’ble Vice-Chancellor Dr.T. Janakiram and patrons Dr. A.S. Padmavathamma, Dean of Horticulture, Dr. D.R. Salomi Suneetha, DSA, Dr. M. Madhavi, Associate Dean and Dr. B. Chennakesavulu, Associate Professor and Head Department of Horticultural Engineering and Environmental Science have addressed the webinar. A total of 313 members from 13 states viz Andhra Pradesh, Telanagana, Tamilnadu, Kerala, Karnataka, Maharashtra, Madhya Pradesh, Uttara Pradesh, Gujarath, Chhattisgarh, Manipur, Jammu & Kashmir, Rajasthan and Bihar have participated in the webinar

Research

On 22 July 2022, Dr. Anitha Karun, Director, CPCRI, Dr. Niral, Principal Scientist (Plant Bred.) CPCRI, Kasaragod, and Dr. B.V.K. Bhagavan, Principal Scientist (Hort.) and Head visited M/s.Latha Coconut Organic Farms, V Madugulla village Anakapalli district and observed the performance of coconut released varieties and some new coconut hybrids, which were supplied by the CPCRI, Kasargod as the MLT observation.



On 20 July 2022, Dr. Anitha Karun, Director, CPCRI, Dr. Niral, Principal Scientist (Plant Breeding) CPCRI, Kasaragod, Kerala, Dr. T. Janakiram, Hon'ble Vice Chancellor, Dr. YSRHU and Dr. L. Naram Naidu, Director of Research, Dr. YSRHU visited Horticultural Research Station, Ambajipeta and distributed the Coconut Climbing Machines under ICAR – AICRP on Palms- SC Sub Plan. The Director and Project Coordinator in charge, AICRP on palms reviewed ongoing technical programmes of Horticultural Research Station, Ambajipeta. Later visited fields and Biocontrol labs (Entomology and Plant Pathology) at Horticultural Research Station, Ambajipeta.



Extension Activities

Webinars

Dr.YSRHU-Farmers Advisory Cell conducted online state-level webinar on “అధిక వర్షాల వలన ఉద్భవించిన పంటలలో చేపట్టవలసిన నష్ట నివారణ చర్యలు” on 26.07.2022 under the Chairmanship of Dr T.Janakiram, Vice-Chancellor.

Vice-Chancellor to Village Activities

Dr.Ch. Ruth, Professor (Pl. Path.) and Dr.K.Swarajya Lakshmi, Professor (Hort.) interacted with the students of Z.P. High School Y.Kota, Obulavaripalli (M) and conducted awareness program to school children about Horticulture education and established nutritional garden in school campus on 18 July 2022. Explained to school children about the importance of fruits and vegetables in human diet, advantages of growing kitchen garden at school campus as well as at their home premises. Sri D.Sundara Rao, Head Master and D.V.Ramanaiah, School Assistant (Physical Sciences), Modern Venkataiah, Progressive farmer also participated in the programme.



Progressive farmer from Venkatareddipalli, Sri Ramaraju interacted with Associate Dean and teachers of CoH, Anantharajupeta on pest and diseases of sweet orange. Insipid taste of fruits due to nutritional deficiencies, fruit sucking moth, citrus rust mite incidence were notified and suggested spraying of micro nutrients, chlorantraniliprole @ 04. ml/l and propargite @ 2 ml /l.

As a part of VC to Village program, Scientists of Dr.YSRHU - HRS, Venkataramannagudem conducted field visit on 26 July 2022 at adopted village, Pedatadepalli. In coconut orchards Rhinoceros beetle and Red palm weevil damage were noticed and the remedial measures were explained by Dr. T. Naga Lakshmi, Senior Scientist (PP) and Dr. P. Sunitha, Senior Scientist (Ento). Dr. T. Thomson, Scientist (Hort.) explained about the cultivation of intercrops in grow-bags under coconut-cocoa based cropping system and its benefits. Dr. N.V.G. Deeksthiulu, Scientist (Agri Engg), interacted with the farmers and explained about farm mechanization and farmers showed their interest in solar copra dryers, high speed jet sprayers for coconut gardens.



On 28 July 2022, at Anganwadi pre-primary School, at adopted village, Sunkollu, Nuzvid, Dr. P.Vijaya lakshmi, Principal , Dr Rajani, Associate Professor (Horti), HPT Staff and students have demonstrated the pineapple jam preparation and served with bread to participants. Mrs. Lakshmi, ICDS supervisor, Mrs.Annamani, Anganwadi teacher, Lactating women along with kids and DWAKRA women have participated. All the participants felt very happy and expressed their gratitude as ready to prepare at their homes.



Dr. M. Janaki, Scientist (Hort.) & Head, Dr.YSRHU-HRS, Peddapuram visited the adopted village “J.Thimmapuram” as part of VC to Village flagship programme and Kattamuru on 30 July 2022 and visited the Cassava multi locational trial on Cassava mosaic resistant varieties and also visited cassava local variety and identified cassava mosaic disease in local variety and given remedial measures.

On 30 July 2022, Dr. B. Govinda Rajulu, Principal Scientist (PP) and Head and Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension), Dr.YSRHU-KVK, Periyavaram conducted training programme on Scientific Goat Rearing under SC Sub Plan at Arimenupadu (V), Ojili (M), Tirupati Dist. Dr. Govardhan Reddy, AD (Animal Husbandry), Naidupet, Dr. Gowtham, Veterinary Doctor, Ojili Mandal, Dr. Muni Kumari, Veterinary Doctor, Naidupet Mandal enlightened farmers on scientific management practices in goat rearing and preventive measures for control of diseases like Blue tongue, Foot and mouth diseases. Explained about Government schemes in Veterinary department to farmers. Distributed Animal mineral mixture packets to the farmers. ZPTC, MPTC, VAA, Arimenupadu RBK have participated in the programme.



On 27 July 2022, Dr.R.Praveen Babu, Scientist (Agri. Extension), Dr.YSRHU-KVK, Pandirimamidi conducted house hold survey of farmers in adopted village Rajampalem. Documented demographic characteristics cropping situation and training needs of the farmers. In this programme 45 farmers details were collected.

On 28 July 2022, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram conducted a training programme on “Flower regulation in acidlime for getting higher yields” at RBK, Nindali village, Balayapalli mandal, Tirupati (Dt.) and explained about flower regulation practices in Acid lime. Dr. B. Vijayasree, Scientist (Home Science), KVK, Periyavaram, Mr. M. Narasaiah, VHA (Nindali) and farmers were participated.



On 23 July 2022, Dr. B.V.K. Bhagavan, Principal Scientist (Hort.) & Head and Dr. NBV. Chalapathi Rao, Principal Scientist (Ent.), Dr.YSRHU - HRS, Ambajipeta visited adopted village Vakalagaruvu, Ambajipeta mandal along with RBK staff as a part of VC to Village programme and inspected Godavari flood affected crop gardens. Further suggested ameliorative measures viz. spraying of 13-0-45 @ 5 gr. per lt. and drenching of COC @ 3g/lt of water around the young coconut plant (1 to 2 years age).



On 23 July 2022, Dr.YSRHU-KVK, Periyavaram conducted training programme on "Nutrigardens – Sustainable Models for Food and Nutritional Security" at adopted village Arimenipadu, Ozili (M), Tirupathi district. The participants were enlightened on the significance of Nutrigardens, utilisation of vegetables and leafy vegetables and intake of diversified foods in preventing micro nutrient deficiencies. Dr.B.GovindaRajulu, Principal Scientist and Head, KVK, Periyavaram participated as Chief guest and acknowledged participants about the organic cultivation of vegetables and distributed Vegetable Seed kits to farmers, women and Anganwadi teachers. In this program ICDS - CDPO, Horticulture Officer, KVK Scientists, MPTC, RBK- VHA, Village Sarpanch, Health Dept.staff and Village volunteers participated. Dr.B.Vijayasree, Scientist (Home Science) Dr.YSRHU - KVK, Periyavaram co-ordinated the programme.

RHWEF Activities

On 30 July 2022, RHWEF orientation programme was conducted at Dr.YSRHU-KVK, Vonipenta. The programme started by the introductory speech by Dr. B. Hari Vara Prasad, Asst.Prof. CoH, AR Peta. Dr. N. Srividya Rani, Scientist & Head, addressed the students and explained the various activities to be done under the RHWEF programme. Dr. M. Harshitha, Scientist (SSAC) explained the students regarding collecting soil samples from the host farmers fields.



Udyan Yatra

Dr.YSRHU-Udyan Yatra – Horti Tourism programme visitors during the second fortnight of July, 2022

Batch No.	Date of visit	Institute name	No.of visitors
III	16.07.2022	Seva NGO, Eluru	36
IV	23.07.2022	Govt. Arts and Botany Degree College, Rajamahendravaram	42
V	30.07.2022	DAESI program participants from West Godavari District	27



Training Programmes

Dr.D. Srinivas Reddy, Senior Scientist (Ento), Dr.YSRHU - CRS, Tirupati attended farmers training programme as resource person during the period under report on 20 & 23 July 2022 at Gangadhar Nellore, Chittoor, Kalluru and Puthalapattu respectively in Chittoor division organized by Department of Horticulture, Chittoor division on care of Mango orchards after harvest.

Dr.T.Rajasekharam, Senior Scientist (PP), Dr.YSRHU - CRS, Tirupati attended farmers training programme as resource person on 21 July 2022 at Bangarupalem and Kottlam Village of Yadamarri Mandal organized by Department of Horticulture, Chittoor division on post-harvest care of Mango orchards.

Dr.L.Mukunda Lakshmi, Senior Scientist (Horti), Dr.YSRHU - CRS, Tirupati attended farmers training programme as resource person on 22 July 2022 at Palamaner and Chowdepalli organized by Department of Horticulture, Chittoor division on care of Mango orchards after harvest.



Dr.L. Mukunda Lakshmi, Senior Scientist (Hort.), Dr.YSRHU-CRS, Tirupati participated in the FAO-ICAR – Govt of A.P Technical Cooperation Programme (TCP) on “Strengthen capacities of the Government of Andhra Pradesh to support AP farmers to adopt sustainable Agri-food Systems” District level training programme from 25th -28 July, 2022 at RHTI, Kurnool.



Department of Entomology.

On 25 July 2022, Dr. NBV.Chalapathi Rao, Principal Scientist (Ent.), Dr.YSRHU-HRS, Ambajipeta visited Ag College farm, Bapatla, ANGRAU, to inspect the black headed caterpillar *Opisina arenosella* incidence and release the Bio agent's *Goniozius nephantidis* and *Bracon brevicornis* for its management. Later gave a lecture on Bio control based management of Rugose spiraling Whitefly to post graduate students in Department of Entomology.

On 19 July 2022, Dr.B.GovindaRajulu, Principal Scientist and Head, Dr.YSRHU-KVK, Periyavaram conducted training programme on “Pests and Diseases management practices in Acid lime and Mango” to VAAs and VHAs of Venkatagiri, Balayapalle, Dakkili and Sydapurammandals. Sri. Bhaskarayya, ADA, DRC, Tirupathi Dist., Smt. Vijayalakshmi, AO, Sri. Venugopal and KVK scientists Dr.B.Vijayasree, Dr.D.Thirupal and Dr.P.Nagarjuna Reddy participated in the programme.



On 21 July 2022, Dr.YSRHU-KVK, Periyavaram conducted training programme on “Nutritional importance of Moringa and Value addition for income generation” to the mothers and SHG women at Anganwadi centre, Busapalem village, Venkatagiri (M). The participants were explained about the value addition of Moringa leaf powder by preparing products like Moringa based millet biscuits, Moringa based chikki, moringa based fruit toffees, moringa capsules and moringa based herbal drinks as income generation activity. Dr.B.Vijayasree, Scientist (Home Science) co-ordinated the programme.

On 23 July 2022, Dr.YSRHU-KVK, Vonipenta conducted training programme to the women on “Value-addition of fruits and vegetables” at Somireddypalli village of Bramhamgari Matam mandal, YSR district. The programme started with introductory speech of Dr. B. S. Kanthi Sri, Scientist (HSc) KVK, Vonipenta. She addressed the women on value-addition to tomato crop for proper utilization of excess produce and to control post-harvest wastage. Also conducted training programme to the women on preparation of tomato, ready to eat pickle making and tomato ketch-up making. She explained in detail about the benefits of value-addition. Dr.Harshitha, Scientist (Soil Science) KVK, Vonipenta, addressed farmers and requested women to use knowledge provided by KVK staff on value-addition.



On 23 July 2022, Dr. M. Harshitha, Scientist (SSAC) and Dr.B.S. Kanthi Sri, Scientist (Home science), Dr.YSRHU-KVK, Vonipenta organized training on importance of green manure and green leaf manuring crops at Mallepalli village of B.Matam mandal. Dr. M. Harshitha explained the farm women about the importance of sowing green manure crops like Pilli pesara, Januma and Jeeluga and incorporate them in the field at the flowering stage before the sowing of main crop. Dr. M. Harshitha explained incorporation of green manures in the field will enhance the nutrient availability mainly nitrogen and adds organic matter to the soil thereby increasing the fertility of the soil.

On 19 July 2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta, attended DRC meeting organized at Rythu Bharosa Kendram, Badvel and explained about cultivation practices of banana and pomegranate to Village Agriculture Assistants and Village Horticulture Assistants. The meeting was also attended by Shri. Ramana Reddy, Assistant Director of Agriculture, District training centre, Kadapa and Shri. Chandra Mohan Reddy, Agriculture Officer, Badvel.



On 31 July 2022, Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU-KVK, Vonipenta attended DRC meeting at Peddasetti palle village of Proddutur mandal and he explained about deep summer ploughing and nutrient management practices in paddy and ground nut to VAAs and VHAs. The meeting was attended by Assistant Director of Agriculture, Proddutur Zone. Shri. Suresh Kumar Reddy, Assistant Director of Agriculture, Shri. Ramana Reddy and Agricultural Officer, Shri. Siva sankar Reddy. In this programme 36 VAAs and VHAs attended the programme.

On 27 July 2022, Dr.YSRHU-KVK, Venkataramannagudem conducted exposure visit to department officers as a part of District level training program to AOs, HOs etc. In this programme department officers visited Mushroom production unit. They learnt about cultivation of milky and oyster mushroom and techniques to preserve them. This program was coordinated by Dr. Venkata Satish Kuchi, Scientist (Horticulture), KVK, Venkataramannagudem. Thirty officers have participated in the programme.

On 28 July 2022, NHRDF sponsored one day training programme on “Latest varieties and technologies in onion” was conducted at KVK, Vonipenta. The programme started with the welcome speech by Dr.N. Srividya Rani, Head and Scientist. Dr. B. Srinivasulu, Director of Extension, DRYSRHU attended as chief guest and addressed the farmers about the latest varieties and technologies in onion in effective way for getting higher yields. Dr. Alok Kumar Singh, Assistant Director (Hort), NHRDF, explained to the farmers on latest varieties released from NHRDF and technologies for efficient storage of Onion. Dr.K. Subramanyam, Principal Scientist and Head, HRS, Mahanandi explained the farmers on various pest and disease management in Onion. Dr. M. Harshitha, Scientist (SSAC) Dr. S. Firoz Hussain, Scientist (Horticulture), Dr. B.S. Kanthi Sri (Home science) and Dr. S. Lavanya, RA (Veterinary science), Shri Sharavanan, Technical Officer, NHRDF and Shri Obanna, Technical Officer, NHRDF participated in the programme. Forty four onion growing farmers attended the programme.



Dr. K. Venkata Subbaiah, Scientist (Horticulture), Dr. K. Venkata Satish, Scientist (Horticulture). Dr.YSRHU-KVK, Venkataramannagudem conducted training program on “Improved management practices in cashew cultivation” on 16 July 2022. In this program farmers were explained about operations to be carried out in cashew cultivation for better in coming season like deep ploughing, pruning, basin preparation, RDF application, green manure crop cultivation and 13-0-45 application etc.

From 18 to 21 July 2022 at Dr.YSRHU-KVK, Venkataramannagudem in collaboration with APSCC, Guntur organised FAO-ICAR’s conducted training programme on “Technical cooperation program for strengthening capacities of the officers of Andhra Pradesh to support farmers to adapt sustainable agricultural food” to the Department officers of Agriculture and Horticulture from Srikakulam, Vizianagaram and Visakhapatnam Districts. Dr. E. Karuna Sree, Principal Scientist & Head along with the team of scientists, Dr. YSRHU-KVK, VR Gudem explained about the KVK activities and demonstrations



From 25 to 28 July 2022 at Dr.YSRHU-KVK, Venkataramannagudem in collaboration with APSCC, Guntur organised FAO-ICAR’s training programme on “Technical cooperation program for strengthening capacities of the officers of Andhra Pradesh to support farmers to adapt sustainable agricultural food” to the Department officers of Agriculture and Horticulture from East Godavari, West Godavari and Krishna Districts. Dr. E. Karuna Sree Principal Scientist and Head along with the team of Scientists, Dr. YSRHU-KVK, VR Gudem explained about the KVK activities and demonstrations

Front Line Demonstrations

On 23 July 2022, Dr.YSRHU- KVK, Periyavaram Scientists viz., Dr. B. GovindaRajulu, Principal scientist & Head, Dr. D. Thirupal, Scientist (Horticulture), Dr. B. Vijaaysree, Scientist (Home Science), Dr. P. Nagarjuna Reddy (Agri. Extension) visited Acid lime orchards and distributed the GA₃ to the farmers as a part of FLD on “Flower regulation in Acid lime” at Adopted village of Arimanupadu, Ojili Mandal, Tirupati (Dt.) and also monitored the GA₃ spraying in Acid lime orchard during evening hours. Smt. K.Sharada, Horticulture Officer (Naidupeta) and Vamsi Vardhanachari, VHA, (Arimanupadu) & farmers have participated.



On 27 July 2022 Dr. D. Thirupal, Scientist (Horticulture), KVK, Periyavaram distributed GA₃ for Acid lime farmers under Frontline Demonstration (FLD) on “FLOWER REGULATION IN ACID LIME FOR GETTING HIGHER YIELDS” in Adopted village of Arimanupadu, Ojili (M), Tirupati (Dt.). Explained about role of Gibberellic acid in flower regulation & monitored the GA₃ spraying in Acid

lime orchard during evening hours.

On 23 July 2022, Dr.YSRHU-KVK, Vonipenta initiated Front Line Demonstration on Establishment of Community Nutrition Garden at Anganwadi centres at Mallepalli village of Bramhamgari Matam mandal, YSR district. Dr. B. S. Kanthi Sri, Scientist (HSc.) KVK, Vonipenta addressed Anganwadi staff and women on importance of raising nutrition garden at Anganwadi centres and backyard of houses of farm women. She explained them that proper utilization of place and time for family goodness through organic vegetables cultivation under their supervision in a limited place will definitely help them in means of health and wealth. Later Dr. B. S. Kanthi Sri, Scientist (HSc.), Dr.Harshitha, Scientist (Soil Science) KVK, Vonipenta, provided nutri-garden kits, which are having 12 varieties of various vegetable crops to the Anganwadi staff and farm women to raise gardens as a part of Front Line Demonstration for best results.



On 16 & 20 July 2022, Dr.T. Kranthi Kumar, Scientist (Horticulture), Dr.YSRHU-KVK, Pandirimamidi initiated frontline demonstration on “Organic cultivation in Ginger” at Peerukonda and Pedda Geddada of Rampachodavaram mandal and Pandirimamidi Kota of Maredumilli mandal provided critical inputs like Ginger seed and Biofungicide *Trichoderma viride* to the beneficiaries under Tribal Sub Plan fol-

lowed by technical discussion on organic cultivation aspects of ginger. In this program KVK Head and other scientists participated.

On 27 July 2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and K. Veeranjanyulu, Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi conducted follow-up visit to LCA-625 chilli nurseries at Amudalabanda village, Gangavaram mandal under FLD on demonstration of viral diseases management in chilli (TSP-2022). Observed damping off in nurseries and recommended proper management practices to the farmers.



On 28 July 2022 Dr. S.Adarsha Scientist (Entomology) and Dr.T.Kranti Kumar Scientist (Horticulture), Dr.YSRHU-KVK, Pandirimamidi visited bhendi fields under FLD on Demonstration of YVMV resistant bhendi hybrid CoBh4 at Rajampalem village of Gangavaram mandal. Crop is at flowering stage. Observed leaf roller incidence. Recommended for spraying of neem oil 5ml/l for reducing pest incidence.



Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), Dr.YSRHU-KVK, V.R.Gudem initiated the front line demonstration to the farmers. In this program distributed the inputs pertaining to the Argulus and Red disease management to fish health management on 16 July 2022.

On 27 July 2022, Dr.YSRHU-KVK, Venkataramannagudem initiated FLD on “Demonstration on Integrated Health Management in calves”. Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) KVK, Venkataramannagudem explained about “Feeding and health management of calves” to dairy farmers at Rythu Bharsa Kendram (RBK) Arjivarigudem, Bhimadol mandal. In this program distributed concentrate feed and deworming drugs to dairy farmers under SC-SP scheme.



On 30 July 2022, Dr.YSRHU-KVK, Venkataramannagudem initiated FLD on “Demonstration on cultivation of Super napier and legume fodder for green fodder production”. Dr. T.Vijaya Nirmala, Scientist (Veterinary Science) KVK, Venkataramannagudem explained about improved green fodder varieties, super napier fodder importance and its cultivation practice. Distributed supernapier fodder slips and legume fodder seeds to dairy farmers for green fodder cultivation under SC-SP scheme. In this Dr.E.Karunasree, Principal Scientist & Head and Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), KVK, Venkataramannagudem participated.

On Farm Trials

On 27 July 2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Dr.YSRHU-KVK, Pandirimamidi, has conducted follow-up visit to bhendi fields at Rajamapalem village, Gangavaram mandal under OFT on assessment of seed biopriming in bhendi (TSP-2022). Observed bhendi leaf roller damage in the fields and recommended proper management practices to the farmers.



On 27 July 2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology), Dr.YSRHU-KVK, Pandirimamidi, has conducted follow-up visit to brinjal fields at Rajamapalem village, Gangavaram mandal under OFT on assessment of IPDM practices in brinjal (TSP-2022). Observed shoot and fruit borer incidence in the field and recommended proper management practices to the farmers. Also conducted method demonstration on installation of yellow-sticky traps in the brinjal fields and distributed yellow sticky traps to the beneficiary farmers.



Diagnostic Visits

On 28 July 2022 Dr. S.Adarsha, Scientist (Entomology) and Dr.T.Kranti Kumar Scientist (Horticulture), Dr.YSRHU-KVK, Pandirimamidi visited brinjal fields at Rajampalem village of Gangavaram mandal. Observed brinjal fruit and shoot borer and recommended for removal and destruction of infested shoots and spraying of Emamectin benzoate 0.4g/l or Chlorantraniliprole 0.3g/l for reducing pest incidence.



On 27 July 2022, Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), Dr.YSRHU-KVK, Venkataramannagudem conducted diagnostic visit to buffalo dairy farm of farmer at Arjivarigudem village, Bhimadol mandal. In this visit attended a case of buffalo calf affected with internal parasites and suggested treatment with Piperzine @20 ml/calf orally and deworming of calf with endoparasiticide at monthly interval upto 3 months.

On 27 July 2022, Dr. Venkata Satish Kuchi, Scientist (Horticulture), Dr.YSRHU-KVK, V.R.Gudem conducted diagnostic field visit to heavy rainfall affected villages Ponasnipalli, Anjeneyapuram of Dwaraka Tirumala mandal. Brinjal, ridge gourd and coconut- cocoa fields have been inspected. Nearly 6 farmers have participated. Application of COC was recommended in brinjal crop for control of root rot due to heavy rains. Recommended pandals for doubling the income of ridge gourd farmers.



On 27 July 2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and K. Veeranjanyulu, Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi conducted diagnostic field visit to paddy nurseries and oilpalm fields at Amudalabanda village, Gangavaram mandal and observed rugose spiralling whitefly damage in oilpalm and blast incidence in paddy nurseries and recommended proper management practices to the farmers.

On 27 July 2022, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and K. Veeranjanyulu, Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi conducted diagnostic field visit to cashew orchards at Rajampalem village, Gangavaram mandal and observed tea mosquito bug incidence and suggested proper management practices to the farmers.

Dr.Ch. Ruth, Professor (Pl. Path.) and Dr.K.Swarajya Lakshmi, Professor (Hort.) along with Ph.D student in the Dept. of Plant Pathology, Dr.YSRHU -CoH, Anantharajupeta visited acid lime gardens of Sri. Makaraju Nagesh at Y.Kota (v) of Obulavaripalli (M) and observed bacterial canker in kagzi lime. Demonstrated spraying of bio control agents and antibiotics against bacterial canker in acid lime on 20 July 2022.



Dr.Ch. Ruth, Professor (Pl. Path.), Dr.YSRHU-CoH, Anantharajupeta observed sigatoka leaf spot in Banana gardens Y.Kota and Mukkavaripalli villages on 18th & 22nd July 2022 in fields of Sri. Modem Subramanyam and Sri. Mukka Srikanth Reddy and suggested suitable control measures.



Dr.K.Arunodhayam, Asst.Professor (Pl.Path.) and Dr.K.Dinesh, Asst. Professor (Pl.Path.), Dr.YSRHU-CoH, Anantharajupeta visited farmer's field on 20 July 2022. Farmer (Sri.Babu) had planted coconut saplings, which were succumbed to severe leaf blight. Based on preliminary investigation, it was identified as *Lasiodiplodia* blight caused by *Lasiodiplodia-theobromae*. Suitable control measures were commended.

As a part of Path-2.7.1-Diseases of fruit, plantation and medicinal crops, Dr.K.Arunodhayam, Assistant Professor (Pl.Path.), Dr.YSRHU-CoH, Anantharajupeta took students for a diagnostic visit to HRS, Anantharajupeta on 27 July 2022 and explained the students, regarding the diseases of Papaya, Sapota, Banana, Guava and Phalsa. In addition to this, the students practically observed all the diseased specimens and collected the same for further studies.



Dr. K. Giridhar, Principal Scientist (Hort) and Head, Dr. YSRHU-HRS, Lam farm, Guntur, Dr. K. Umamaheswara Rao, Senior Scientist (Hort.) & Head and Dr. B. Nagendra Reddy, Scientist (Ento.), Dr.YSRHU-CRS, Bapatla visited chilli fields at Chillaragollapalem, Bapatla on 28 July 2022 and observed the chilli thrips and suggested the best management practices.

On 29 July 2022, G. Sandeep Naik, Scientist (Plant Pathology), Dr YSRHU- HRS, Anantharajupet visited Mango orchard and executed experiment on Management of Mango stem borer using Arka Borer Control (ABC) at Settigunta village of Rly Kodur mandal. During the programme conducted method demonstration on preparation and application of Arka Borer Control, Bordeaux paste and also explained about the importance and precautions to be taken in usage of ABC and Bordeaux paste.



On 20 July 2022 Dr.G.Ramanandam, PS (Hort.) & Head, Dr.K.Mamata, PS (Hort.), and Dr.Ch.S.Kishore Kumar, Sr.Scientist (Pl.Path.), Dr.YSRHU - HRS, Kovvur conducted field diagnostic visit in Thogummi village along with farmers and observed sigatoka leaf spot in banana cvs. KC Keli & Kovvur Bontha and suggested suitable remedial measures for its control.



Dr.K.Ravindra Kumar, Sr. Scientist (Hort.), Dr.YSRHU-HRS, Kovvur along with Dr.G.Ramanandam, PS (Hort.) & Head and Dr.Ch.S.Kishore Kumar, Sr. Scientist (Pl.Path.) conducted field inspection in inundated horticultural crops like Banana and Elephant Foot Yam (EFY) on 29 July 2022 at Togummi village of Kovvur mandal and observed the extent of damage. Recommended to drain out

the excess water followed by drenching of Blitox @ 3g/L in EFY and also suggested to spray potassium nitrate (5 g/L) along with wetting agent (0.5 ml/L) two to three times at weekly interval in Banana and EFY.

Dr.K.Ravindra Kumar, Sr. Scientist (Hort.), Dr.YSRHU-HRS, Kovvur along with Dr.G.Ramanandam, PS (Hort.) & Head and Dr.Ch.S.Kishore Kumar, Sr. Scientist (Pl.Path.) conducted field diagnostic visit in Sri Dharmaraju banana plantation at Togummi village of Kovvur mandal on 29th July 2022. Severe phytotoxic symptoms were observed in banana cv. Tella Chakker Keli due to excess and combined application of potassium nitrate (nano) + Borax + GA₃ as per the advice given by the pesticide dealer. Recorded the unusual elongation of fingers, hard peel, cracking and seed formation. However, for its revival, recommended foliar application of 0:0:50 (SOP) @ 5 g/l on newly emerging bunches and few healthy hands left over on the damaged bunch.



Dr.R. Naga Lakshmi, Senior Scientist (Hort.), Dr.YSRHU-HRS, Lam as a member in the joint inspection committee inspected bhendi crop along with Tirumala Devi, ADA, Ponnur, Adam Babulu, Agricultural Officer, Tsundur, Hanumanth Naik, Horticultural Officer, Marturu, company representative and farmers at Thottempudi (V), Tsundur

(M), Bapatla district on 22 July 2022.

Dr. M. Janaki, Scientist (Hort.) & Head, Dr.YSRHU-HRS, Peddapuram has visited the Mangiturthi village, Pithapuram mandal on 25 July 2022 and attended the diagnostic field visit to Bhendi fields along with the VHA, VAA, Horticultural Officer and observed heavy vegetative growth coupled with lower yields and low quality fruits (bending).



On 20 July 2022, Dr.B.Govinda Rajulu, Principal Scientist (PP) and Head, Dr.YSRHU-KVK, Periyavaram visited Acid lime orchards in Sydapuram mandal, SPSR Nellore Dist. Identified Root rot and Mites as major problems in bearing orchards and Iron chlorosis and Zinc deficiencies in young pre-bearing orchards. IPM and INM packages suggested.



On 28 July 2022, Diagnostic field visit was conducted in Colocasia crop at Kurjagunta village, Venkatagiri Mandal, Tirupati,(Dt.) by Dr. D. Thirupal, Scientist (Horticulture) and Mr. E. K. Naik, Scientist (Horticulture), CRS, Petlur. Observed leaf spot disease as common problem in all the fields and suggested spraying of Mancozeb @2.5 g/litre water twice at 10 days intervals.

On 28 July 2022, K.Veeranjaneyulu, Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi conducted field visit cum Group meeting with fish farmers of Rajampalem and Amudalabanda villages of Gangavaram mandal under OFT-Action plan of 2022-23. Visited fish ponds of Rajampalem and Amudalabanda villages observed aquatic weeds, predatory fishes and lack of pre-stocking methods suggested clearing of weeds on bunds through manually, proper water filling methods, bund forming methods and later explained about pre stocking methods like seed selection and manuring methods.



On 28 July 2022, Dr. T. Kranthi Kumar, Scientist (Horticulture) and Dr. S. Adarsha, Scientist (Entomology), Dr.YSRHU-KVK, Pandirimamidi conducted follow up visit to Tapioca and Ridge gourd fields at Rajampalem village of Gangavaram mandal as a part of FLD on Demonstration of Tapioca var. PDP CMR-1 and high yielding Ridge gourd var. Arka Prasan. Scientists noticed improper fertilizer application methods & advised the better application methods and proper nutrient management practices in Tapioca and noticed yellow mosaic virus in ridge gourd and suggested control measures and also distributed Ginger seed to Rajampalem village farmer under FLD on Organic cultivation in Ginger.

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 July, 2022 (3-4 PM).

Date	Topics
16.07.2022	మిరపలో మేలైన యాజమాన్య పద్ధతులు డా.సి.శారద, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, లాం
18.07.2022	చీని, నిమ్మలో పూత, పిందె దశలో యాజమాన్యం డా.ఎల్.ముకుందలక్ష్మి, సీనియర్ శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, తిరుపతి

Date	Topics
19.07.2022	కరివేపాకు పంట సాగులో పాటించవలసిన యాజమాన్య పద్ధతులు డా.ఎం.ముత్యాల నాయుడు, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, దర్శి
20.07.2022	కొబ్బరి నర్సరీలో నాణ్యమైన మొక్కల ఉత్పాదన కొరకు మెళకువలు డా.బి.వి.కె భగవాన్, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, అంబాజీపేట
21.07.2022	సొర , బీర సాగులో మెళకువలు డా.వి.రమణ, ప్రిన్సిపాల్, ఎస్.ఎస్.పి.జి.ఉద్యాన పాలిటెక్నిక్, మడకశిర
22.07.2022	వర్షాకాలంలో కుటుంబ సభ్యుల యాజమాన్యం – ఆరోగ్య రక్షణ డా. ఇ . కరుణ శ్రీ, ప్రధాన శాస్త్రవేత్త & హెడ్, కె. వి. కె, వెంకటరామన్నగూడెం
23.07.2022	పసుపు సాగు పద్ధతిలో మెళకువలు శ్రీమతి సిహెచ్.బిందు, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, చింతపల్లి
25.07.2022	వర్ష కాలంలో నిమ్మ తోటల్లో తీసుకోవలసిన మెళకువలు డా.ఎం.కవిత, సీనియర్ శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, పెట్లూరు
26.07.2022	ఉల్లిలో ఎరువులు , కలుపు మరియు నీటి యాజమాన్యం డా.ఎం. రాగూర్ నాయక్, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, మహానంది
27.07.2022	ఉద్యాన పంటలలో యాంత్రికరణ ఆవశ్యకత శ్రీ పి.సి.వెంగయ్య, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, పందిరిమామిడి
28.07.2022	జీడిమిడిలో ఎరువుల వాడకం డా. కె. ఉమామహేశ్వరరావు సీనియర్ శాస్త్రవేత్త , జీడిమామిడి పరిశోధన స్థానం, బాపట్ల
29.07.2022	మామిడిలో కోత తర్వాత పాటించవలసిన పద్ధతులు డా.బి.రమేష్ బాబు, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం
30.07.2022	వర్షా కాలంలో వేయదగ్గ పూల పంటలు – చేపట్టవలసిన యాజమాన్య పద్ధతులు డా. పి.లలిత కామేశ్వరి, ప్రధాన శాస్త్రవేత్త & హెడ్, కె.వి.కె.పందిరిమామిడి

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

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

Date	Topics
16.07.2022	జీడిమామిడిలో కాండం తొలుచు పురుగుల యాజమాన్యం
18.07.2022	ఉద్యాన పంటలలో నులి పురుగుల యాజమాన్య పద్ధతులు
19.07.2022	వర్షా కాలంలో అరటిని ఆశించు తెగుళ్ళు – తీసుకోవలసిన జాగ్రత్తలు

Date	Topics
20.07.2022	టిష్యూకల్చర్ అరటి మొక్కలు నాటేటప్పుడు తీసుకోవలసిన జాగ్రత్తలు
21.07.2022	కండ, చేమ, పెండలంలో ఎరువుల యాజమాన్యం
22.07.2022	బొప్పాయి మరియు పనస సాగులో మెళకువలు
23.07.2022	మామిడి తోటల్లో కోత అనంతరం చేపట్టవలసిన యాజమాన్య పద్ధతులు
25.07.2022	చీని, నిమ్మ సాగులో మెళకువలు
26.07.2022	మిరపలో మేలైన యాజమాన్య పద్ధతులు
27.07.2022	కరివేపాకు పంట సాగులో పాటించవలసిన యాజమాన్య పద్ధతులు
28.07.2022	బెండ మరియు టమాట సస్యరక్షణ
29.07.2022	ఉద్యాన పంట సాగులో పచ్చిరొట్ట ఎరువుల ప్రాముఖ్యత మరియు మిరప నారుమడి యాజమాన్యం
30.07.2022	ఖరీఫ్ కూరగాయల సాగులో నారుమడి ప్రాముఖ్యత మరియు యాజమాన్య పద్ధతులు

Technical support to RBK Channel

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

Date	Topic	Scientist Name
18.07.22	వంగలో కలుపు మరియు ఎరువుల యాజమాన్యం	Dr.M.Tirupati Reddy Sr.Scientist & Head, HRS, Vijayarai
22.07.22	బెండలో కలుపు మరియు ఎరువుల యాజమాన్యం	Dr.R.Nagalakshmi, Sr.Scientist, HRS, Kovvur
25.07.22	ఉద్యాన పంటలలో పిండినల్లి మరియు చెద పురుగుల లక్షణాలు మరియు వాటి నివారణ పద్ధతులు	Dr.G.Sravanthi, Scientist, MRS, Nuzvid
29.07.22	టమాటలో కలుపు మరియు ఎరువుల యాజమాన్యం	Dr.M.Ravindrababu Senior Scientist (Horticulture), HRS, Venkataramannagudem

TV Programmes

On 18 July 2022, Dr.B.Vijayasree, Scientist (Home Science) Dr.YSRHU – KVK, Periyavaram attended Pasidipantalu LIVE Phone in Programme on DD SAPTHAGIRI at Vijayawada and given talk on the topic: Value addition of Moringa leaf for Health and Entrepreneurship Development

General

Meetings

Dr. A. Radhika Ramya, Scientist (GPBR) and Dr.J.Phani Kumar, Scientist (Hort), Dr.YSRHU-HRS, Lam attended online training for 6 week course on Statistical Techniques for Agriculturists conducted by agMOOCS, IIT, Kanpur from 1 June 17 July 2022 .

On 29 July 2022 Dr. G. Ramanandam, PS (Hort.) & Head, and Dr.K.Ravindra Kumar, Sr. Scientist (Hort.), HRS, Kovvur have participated in a Zoom meeting being organized by Commissioner of Horticulture, Dept. of Horticulture Govt. of AP on conducting campaigns to combat banana sigatoka leaf spot disease wherein Dept. officers from different banana growing districts of Andhra Pradesh took part. The Scientists explained about the present status and factors responsible for occurrence and spread of the sigatoka disease and strategies for its effective management and also clarified the doubts raised by the Dept. officers.

Dr.K.Giridhar, Principal Scientist (Hort) & Head, Dr.YSRHU-HRS, Lam attended 16th review meeting of CSS-MIDH programme sponsored by DASD, Calicut during 13 to 14 July, 2022 at CoH, TNAU, Periakulam and presented the annual progress report for 2021-22 and action plan for 2022-23



Dr.Y.Kavya, Scientist (Microbiology), Dr.YSRHU-HRS, Lam attended International webinar on “Developing the Jack fruit for global consumption and markets” on 21 July 2022 organized by International Tropical Fruits Network, under webinar series on Tropical Fruits.

Dr. A. Radhika Ramya, Scientist (GPBR), Dr.J.Phani Kumar, Scientist (Hort) and Dr.Y.Kavya, Scientist (Microbiology), Dr.YSRHU-HRS, Lam attended national work shop cum stakeholders meet on “Climate resilient natural farming for sustainable agriculture” on 22 and 23 July, 2022 organized by ICAR- Indian Institute of Soil and Water Conservation, Research centre, Ooty, Tamil Nadu.

Dr.J.Phani Kumar, Scientist (Hort), Dr.YSRHU-HRS, Lam attended webinar on “Tissue culture of Tree/Woody plants: Significance and quality Management practices and way forward” conducted by Asia-Pacific Association of Agricultural Research Institution (APAARI) on 29 July 2022.

Dr.P.Ashok, Senior Scientist (Hort.) attended meeting with Dr. R.K. Mathur, Director, IIOPR Dr. P Anitha, Scientist, IIOPR and Dr. P. Rethinam Senior Scientist (Hort.) former Director, IIOPR, Pedavegi and discussed about arrangements of National conference on oil palm on 23 July, 2022.



On 26 July 2022 Dr.B.Vijayasree, Scientist (Home Science), Dr.YSRHU – KVK, Periyavaram visited Department of Home Science, Sri Padmavathi Mahila Visva Vidyalayam, Tirupathi interacted with the Registrar Prof.D.M.Mamatha & Head of the Department, Home Science Dr.M.Aruna and faculty and discussed about

the different Extension Programmes of Dr.YSRHU – KVK, Periyavaram. The students also oriented regarding the Home Science technologies for entrepreneurship development and extension activities of Dr.YSRHU - KVK,Periyavaram.

Visits

On 30 July 2022, Agricultural Engineering Polytechnic students (20 members) along with SARD-Agri Training Institution visited Dr.YSRHU -HRS, Kovvur. Dr.G.Ramanandam, PS (Hort.) & Head, Dr.K.Mamata, PS (Hort.), Dr.K.Ravindra Kumar, Sr. Scientist (Hort.), Dr.Ch.S.Kishore Kumar, Sr.Scientist (Pl.Path.), and Dr.M.Viswanath, Scientist (Hort.) participated in field visit and interacted with students.



On 22 July 2022, Dr. R. Nagaraju, Principal Scientist (Hort) & Head, Citrus Research Station, Tirupati along with NHB accreditation committee members Dr. Inder Mohan Verma, Chairman, NHB, Dr. R.K. Singh, Deputy Director, NHB inspected HRS, Mahanandi for rating of nursery. Dr. K. Subramanyam, Principal Scientist & Head and Dr. M. Tagore Naik, Sr. Scientist (Hort) explained about various nursery activities and plant production details during their visit.



On 18 July 2022, National Horticultural Board members visited Dr.YSRHU-HRS, Anantharajupeta for accreditation of Horticultural nursery maintained by HRS, Anantharajupeta. Dr. K.T Venkata Ramana, Principal Scientist (Hort) & Head and the team of Scientists had shown all the facilities available viz., Shadenet house cum poly tunnel, Mango, Acidlime and Guava mother blocks, Root stock block, Organic manure unit, workers rest place, water storage tank and borewells maintained at HRS, Anantharajupeta for the purpose of accreditation.

On 19 & 20 July 2022, Dr. K.T.Venkata Ramana, Principal Scientist (Hort) & Head, Dr YSRHU- Horticultural Research Station, Anantharajupeta had participated in the inspection of Deejay coconut farm Pvt. Ltd. at Roddam mandal and Horticultural Research Station, Anantapuramu respectively as member of the National Horticultural Board accreditation team.



Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science) has explained the fisheries based integrated farming systems and fisheries based activities to the exposure visit of SC fish farmers from Telangana on 25 July 2022. In this program 12 participants were actively involved and discussed about the best management practices in the fish farming.

Publications

Bharathi Devi S., Rajasekhar M., Venkata Subbaiah K*, Uma Krishna K. Influence of Storage Life on Nutritional Quality of Banana Flour Made from Three Varieties. *Environment and Ecology* 40 (2A) : 503—509, April—June 2022 ISSN 0970-0420.

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