



Dr YSRHU e-Newsletter

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



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Dr YSRHU e-Newsletter

1-15 March 2022

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From Vice-Chancellor's Desk


Dr.YSRHU ORGANIC VILLAGES

Dr.YSR Horticultural University (Dr.YSRHU) is moving towards adoption of organic villages under “**Mana Viswavidyalayam - Mana Sendriya Gramam**” programme.

Under Paramparagat Krishi Vikas Yojna (PKVY) programme Dr.YSRHU-KVK, Pandirimamidi felicitated organic certification of horticulture produce of tribal farmers, Kakawada and Peerukonda villages of Kakawada Panchayat, Rampachodavaram mandal, East Godavari district and Dr.YSRHU-KVK, Venkataramannagudem also extended support in organic certification of tribal farmers of Pandugudem, Kamayyakunta & Lankapalli villages of Kamayyakunta Panchayat, Buttaigudem mandal, West Godavari district and adopted as organic villages.

The university is providing technical support & guidance in organic cultivation of Horticultural crops and its marketing in adopted organic villages and planning to extend to all 13 districts of Andhra Pradesh.

The university has developed organic farming protocols in Banana, Turmeric, Ginger, Colocasia, Dioscorea, Sweet orange, Acid lime and Elephant foot yam at various research stations under this university.


Dr T.Janakiram
Vice-Chancellor

The Events

International Women's Day

On 8 March 2022 International women's day was celebrated at Administrative Office and all institutes of Dr.YSRHU under the chairmanship of Dr.T.Janakiram, Vice-Chancellor, Dr.YSRHU. Dr.K.Ramaneswari, Co-ordinator, AJYN & Principal, University College of Science & Technology, ANU was the guest of honour. On this occasion five successful progressive women farmers from horticulture and allied sectors were selected from four KVKs of Dr.YSRHU and felicitated and awarded with certificates for their achievements during the year 2022 and the women farmers shared their success stories and experiences. Dr.B.Srinivasulu, Director of Extension coordinated the programme.



NABARD Chairman Visit

Dr. G. R. Chintala, Chairman, NABARD visited university head quarters, Venkataramanangudem on 10 March 2022. Inaugurated Virtual Farmers Training Centre and Horti-Millet Unit. Interacted with organic farmers, faculty and students and delivered special lecture on "Initiating the Amrit Kall for Indian Agriculture". On 11 March 2022, Dr. G. R. Chintala, Chairman, NABARD visited KVK & HRS, Pandirimamidi, East Godavari district. Inaugurated Solar Poly Drier at KVK, Palm Biodiversity Park and Vermicompost Unit at HRS. Visited Dr.YSRHU-KVK adopted organic villages Kakawada and Peerukonda of Rampachodavaram mandal and interacted with tribal farmers. Dr.T.Janakiram, Vice-Chancellor, Dr.YSRHU accompanied the Chairman, NABARD and explained the ongoing activities. Dr.B.Srinivasulu, Director of Extension and Dr.R.V.S.K.Reddy, Director of Research coordinated the programme.



Education

International Women's Day

International women's Day was celebrated on 8 March 2022 at CoH, Anantharajupeta. On the day, the Chief Guest Sri. S. Viswanath Reddy, Circle Inspector of Police and Sri.Narasimhulu and Sri.Hemadri, Sub Inspectors of Police, Kodur were invited as guests of honour. They delivered message on different laws and provisions available for protection of women. Dr.B.Srinivasulu, Associate Dean addressed the gathering and congratulated all the women staff and girl students on this occasion. He explained about great achievements of women in India in different fields and motivated the students. Competitions were conducted to girl students and women staff by WPC incharge Dr.G.Thanuja Sivaram. Girl students got opportunity to participate in the 3K Run organized by Police Dept. Kodur on the occasion. Prizes were distributed to the winners in games.



International Women's Day was conducted on March 8th at seminar hall of COH, Chinalataripi. Dr. Adilabhanu MBBS, Di. GO, FCGP, Obstetrician, and Gynecologist, Sultan Mohiuddin hospital, Kandukur and Dr. M. Anuradha Principal Scientist and Head ICAR – CTRI Kandukur were felicitated as successful women in Domain of Agricultural Research and Health. Various competitions were held

for students, teaching and non-teaching staff and prizes were distributed

At college of Horticulture, Venkataramannagudem International Women's Day was celebrated on 8 March 2022. NSS officers Dr. D.R. Salomi Suneetha, Professor, Dr. R.V. Sujatha, Associate Professor and Dr. A. Harsha Vardhan, Assistant Professor organised the event under the chairmanship of Dr. M. Madhavi, Associate Dean. Dr. A. Sujatha, Dean of Student Affairs, Dr. A.S. Padmavathamma, Dean of Horticulture and Dr. K. Uma Jyothi, Dean of PG studies, Ms. Sasikala, Comptroller, students, teaching staff, non teaching staff, outsourcing employees and timescale workers participated in the programme and prizes were distributed to winners, those participated in the petty games.



Exposure Visit

As a part of exposure visit of third year B.Sc (Hons.) Horticulture students under Entrepreneurship Development and International Trade, Horti-business management visit to Southern Tropical Foods Pvt Ltd was held on 10-03-2022. This visit helped students to gain knowledge on the enterprise management, how enterprise is being maintained and the balance sheet of the enterprise. This programme was coordinated by Dr. S. Lokesh Babu (TA, AEXT) and Dr. M. Srikala (TA, AECO).



Placements

Campus interviews were conducted by Placement cell, CoH Anantharajupeta for the company "M/s.Charuhasa Biotechnologies Pvt. Ltd." Three students of 2017 batch were selected through interviews, conducted by Sri venkateswarlu, Managing Director. This programme was conducted with the guidance of Associate Dean, through placement I/c Dr. K.M.Yuvaraj.



NSS Special Camp



NSS special camp was organized by NSS Programme officers, Dr.Lalitha Kadiri, Assoc. Prof (Agro.) and Dr. M. Jayaprada, Assoc. Prof (GPBR) from 3 to 9 March 2022, involving two NSS units with 100 NSS volunteers at Venkatareddipalli and NVS Girijan colony, of Railway Kodur (M), YSR Kadapa dist. Various activities like cleaning the premises of panchayat office, white washing for primary school building, veterinary camp, competitions for school children, Voter awareness rally, diagnostic field visits, demo on value addition of horticultural produce, Self-defence techniques to girl students, kitchen gardening etc., were carried out during the special camp. Dr.B.Srinivasulu, Associate Dean, COH Anantharajupeta and all the teaching faculty were actively involved in the smooth conduct of the programme.

Dr.B.Srinivasulu, Associate Dean, COH Anantharajupeta and all the teaching faculty were actively involved in the smooth conduct of the programme.



NSS campaign was conducted on 11th March 2022 at College of Horticulture, Chinalataripi and college premises were cleaned by clearing the plastic thrash. NSS in charge Dr. K. Jyothirmai Madhavi coordinated the programme.

ELP Activities

Dr.K.Swarajya Lakshmi, Professor (Hort.), Dr. K. Eresh, TA along with a team of ELP 403 (module) students conducted a demonstration on value added products at VNS colony on 5 March 2022. Pickle was prepared with the inner core of banana pseudo stem. New products like Coconut milk shake and sweet potato jamoons were prepared. Pamphlets were distributed to the participants on the procedure for preparation of different new products for effective transfer of technology. Rural women (18 members) participated in the program.



Awareness Programmes

Awareness programme on Disha app was conducted by the Women Protection Cell at seminar hall, College of Horticulture, Chinalataripi on 5 March 2022. The campaign was conducted by Mrs.K. Chaitanya, Mahila Samrakshana Karyadarsi, Oguru.



AVISHKAAR-2022

Ten B.Sc. (Hons) Horticulture students of CoH, Chinalataripi were selected for State level presentation in AVISHKAAR-2022 Organized jointly by APCOST and AICTE at Adikavi Nannaya University, Rajahmundry among 3 categories i) Innovative Idea-AGMECH ii) Swatch Bharat-Salvaging of used flowers from Rivers iii) Working model – *Spirulina to combat Malnutrition in India*. The students presented their projects and won laurels and were awarded certificates of Participation.



CoH, Venkataramannagudem students of B. Sc. (Hons.) Horticulture and M.Sc. (Hort.) participated in AVISHKAAR, 2022 at Adikavi Nannaya University, Rajamahendravaram from 4 to 5 March 2022 under the chairmanship of Dr. M. Madhavi, Associate Dean. B.Sc. (Hons.) Horticulture final year students viz., Paramjyothi and Sharon Pushpa bagged 3rd prize for their innovative idea on bee wax crayons at AVISHKAAR, 2022.



Research

Impact of AICRP on Fruits (Citrus) Technologies under SCSP programme implemented at Chiyvedu Village of Ananthapur District by Tirupati centre, Name of the Farmer: Smt. A. Adilakshmi

Farmers practice	Parameter	AICRP Technologies
100	Number of trees	100
1.20	Yield (tonnes)	1.80
-	Increase in yield (%)	33.33
33,600	Monetary benefit (INR)	50,400
-	Increase in returns (INR)	16800/



Dr K Mamatha, Principal Scientist (Horticulture), HRS, Kovvur collected 9 new germplasm lines of tuber crops from agency areas of Srikakulam district. Among them 3 elephant foot yam lines, 3 dioscorea and one line each taro, tannia and sweet potato were collected.



Extension Activities

Dr. YSRHU Year of Citrus activities

Dr.G.R.Chintala, Chairman, NABARD and Hon'ble Vice Chancellor and other University officers have participated in planting of citrus seedling in Nutrigarden in University campus, VR Gudem on 10 March 2022.



Vice-Chancellor to Village Activities

On 9 March 2022, Dr.Ch. Ruth, Professor (Pl.Paht.) along with Mrs. Aashia, HO, Kodur, teachers and students of CoH, Anantharajupeta, visited Mushroom unit at adopted village, Venkatereddipalli, Kodur (M), YSR Kadapa dist and explained the farmers about the cultivation of milky mushrooms.



Dr. R.Naga Lakshmi, Senior Scientist (Hort.) and Dr.Ch.S.Kishore Kumar, Scientist (P.Path.) visited adopted village, Penakanametta on 10 March 2022 and conducted diagnostic visit to Karpura chakkerakeli banana intercropped with cabbage and suggested remedial measures against diamond black moth, spodoptera and also suggested to plant only 2 rows of cabbage in banana instead of three rows to get

good net returns.

As a part of VC to Village program, training and interaction with farmers was arranged on “Management of pests and diseases of Cocoa” at adopted village Ramannagudem by Scientists of HRS, V.R.Gudem. Hon'ble VC, Dr. YSRHU, NABARD, Chairman Dr. G.R. Chintala, Director of Research and Director of Extension Dr. YSRHU interacted with the farmers and explained about use of farm mechanization in cultivation and adoption of new technologies for increasing the farm income. Dr. B. Ramesh, Senior Scientist (Hort.), Dr. T. Nagalakshmi, Senior Scientist (Pl.Path) and Dr. P. Sunitha, Scientist (Ento) have conducted and participated in the program.



Dr. R. Rajya Lakshmi P.S(Horti) and Dr.G.Sravanthi, Scientist (Entomology), Mango Research Station, Nuzvid organised VC to Village program at adopted village Tukkuluru on 04.03.2022.

Method Demonstrations

On 3 March 2022, Scientists of HRS, Ambajipeta conducted field demonstration on farm mechanisation involving climber, dehusker and motor operated soil auger. Later awareness programme on disease management in coconut and cocoa using microbial consortia was also demonstrated by the Scientists of HRS Ambajipeta. These events were conducted in coconut under ICAR – AICRP on Palms. In this programme about 100-150 numbers of Department of Horticulture officials, VHAs, FPO members and progressive farmers have participated.



Training Programmes

On 15 March 2022 Dr. N.B.V.Chalapathi Rao, Principal Scientist (Entomology), HRS, Ambajipeta participated in one day training programme on Bio-control management strategies of insect pests in Flower crops conducted by Floriculture Regional Station, Vemagiri, East Godavari district. Dr.T.Janakiram, Hon'ble Vice-Chancellor of Dr.YSRHU and Dr.K.V. Prasad, Director, ICAR-DFR, Pune were the Chief guests. In this programme about 100 farmers have participated.



On 3 March 2022, Dr.N.B.V.Chalapathi Rao, Principal Scientist (Ent.) and Smt. B. Neeraja, Scientist (Pl.Path.), HRS, Ambajipeta attended one day district level seminar on “Sustainable Cocoa Farming for Doubling Income from Coconut and Oil Palm gardens in Andhra Pradesh” and delivered lectures on integrated pest and diseases management for sustainable cocoa production conducted by HRS, Vijayarai, West Godavari district.



KVK, Venkataramannagudem conducted one day training program on “Better Management Practices in Shrimp Farming” on 7 March 2022. In this program, Dr.A.Devivaraprasad Reddy, Scientist has explained the management practices and stressed on the aspects of seed stocking, aquatic animal health, water quality management, usage of probiotics etc.

On 10 March 2022, KVK, Venkataramannagudem conducted one day training program on “Cashew cultivation and processing of cashew nut” to PKVY tribal farmers. In this program farmers were explained about different cashew nut processing machinery and economics of processing of cashew nut. Dr. E. Karuna Sree Principal Scientist and Head and Dr. K. Venkata Subbaiah, Scientist (Horticulture) coordinated the programme.



KVK, Venkataramannagudem conducted three days training program on “Scientific rearing practices for profitable dairy farming” on 14 March 2022 at Cheepurugudem village, Nallajerla mandal. During inauguration program, Sri P.Mallika, Sarpanch, Cheepurugudem participated as Chief Guest. The participants were exposed to various topics related to, feed management, different improved fodder varieties and fodder preservation techniques, importance of fodder trees as fodder in fodder scarcity season, azolla cultivation, importance of mineral mixture in reducing reproductive disorders in cattle and buffalo. Also explained about various diseases affecting the milk production, vaccination and deworming and distributed medicines to the dairy farmers. In this program Dr. K.Vijay Kumar, Veterinary Assistant Surgeon (VAS), Pothavaram, Animal Husbandry Assistant (AHA) and dairy farmers have participated. Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) coordinated the programme.

Dr.C.Madhumathi, Principal Scientist (Hort.) & Head, CRS, Petlur participated as resource person to one day training programme on Mango & Acid lime cultivation sponsored by Department of Horticulture, SPSR Nellore at Chaganam, Syadapuram Mandal SPSR Nellore Dist. on 15 March 2022 followed by farmers field visit.



Dr. D. Srinivas Reddy, Senior Scientist (Ento), CRS, Tirupati attended farmers training programme as resource person and delivered lectures on Integrated Pest & Disease Management in citrus at Sydapuram on 15 March 2022 organized by Department of Horticulture, Nellore division.

Dr. M. Janaki, Scientist (Hort.) & Head, Horticultural Research Station, Peddapuram has participated in the training programme entitled “Improved varieties, improved package of practices and value addition in cassava” conducted by Dept. of Horticulture, Peddapuram on 5 March 2022.



Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has been participated in the “District Level Coordination Committee (DLCC)” meeting conducted by DAATT Centre, ANGRAU, Peddapuram on 14 March 2022.

HRS, V.R.Gudem organized an interaction programme on “Improved practices of medicinal aromatic and betelvine crops” under SCSP scheme at potharlanka village, kolluru mandal along with officers from Department of Horticulture on 5 March 2022. Various aspects regarding Vettiver, Vasa, Tulasi and Betelvine were discussed in the meeting and distributed biofertilizers to SC beneficiaries. Later, visited betelvine fields and suggested control measures for Phytophthora foot rot. In this meeting Mr. Krishna Mohan, Horticultural officer, Rajeswari, VHA, Sarpanch, Potharlanka and farmers have participated. Dr.T.Nagalakshmi, Senior Scientist (Pl. Path.), Dr. D. Aparna, Sr. Scientist (Hort.) and Smt. P. Sunitha, Scientist (Ento.) coordinated the programme.



On 3 March 2022, Dr.V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta participated as a technical resource person in farmers training programme on “Post harvest Management Practices in Turmeric” organized by Seva Bharathi, Andhra Pradesh at DCCB, Kadapa. Scientist addressed the gathering on harvesting and post harvest practices like cleaning, curing, drying, polishing, coloring, grading

and packing and also explained about value added products and types of processing machinery in turmeric.

On 10 March 2022, Dr. V. Nagarjuna, Research Associate (Soil Science), Dr. Srividhya Rani, N (Scientist and Head) and Ms. K. Prasindhu, Research Associate (Plant Protection), KVK, Vonipenta attended as a resource person for training programme on chilli production technology at Adireddypalli village of Mydukur. The scientist explained the nutrient management, pest and diseases management and suggested the spraying of Neem oil @ 5 m.l /lit or Cyantraniliprole @ 1.2 ml/lit for control of black thrips in chilli.



On 4 March 2022, K. Prasindhu, Research Associate (Plant Pathology) and Dr.V.Yugandhar, Research Associate (Horticulture), KVK, Vonipenta attended one day Training workshop programme on Climate Smart Agriculture and Sustainable Management Practices Under Gold-Standard Agricultural Projects conducted by Bayer Crop Sciences at Jammalmadugu. In this programme, K. Prasindhu, Research Associate

(Plant Pathology) delivered a lecture on Direct Seeded Rice and explained on weed management and nutrient management in Direct Seeded Rice its advantages compared to transplanted rice. Dr.V.Yugandhar, Research Associate (Horticulture), explained about the drawbacks while cultivating the rice in traditional transplantation method due to emission of methane gas. In this programme Bayer Marketing officer Sri. Naveen and Bayer Development officer Sri.Narayanareddy, Jammalmadugu Agriculture officer and 45 farmers have attended the programme.

On 14 March 2022, Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta attended as a resource person for training programme on vermicompost technology at KVK, Utukur. The scientist explained the different methods of composting *i.e.*, rural composting, urban composting, ADCO composting and vermicompost methods and also importance of vermicomposting for recycling of crop residue and creation of employment of rural youth. Dr. Veeraiah, Programme Coordinator, KVK, Utukur and Dr. Bhaskara Padmodaya, Programme Coordinator, DAATTCs, YSR district, Scientists, 20 farmers attended the programme.



ICAR SC Subplan

A farmers training programme on improved technologies in tuber crops for enhancing farm income was organized at HRS, Kovvur under SC Sub plan of ICAR-CTCRI on 4 March 2022. Dr.T.Janakiram, Hon'ble Vice-Chancellor, Dr.YSRHU participated as the chief guest and Dr.R.V.S.K Reddy, Director of Research, Dr.B.V.K.Bhagavan, Zonal Research Head, Coastal Zone-I, Scientists from ICAR-CTCRI, Dr.D.Jagannadhan Senior scientist (Extension) and Dr A.V.V. Koundinya Scientist (Hort.) participated in the programme. Micronutrient solution for elephant foot yam was distributed to the Scheduled caste farmers.



Under ICAR-AICRP (Fruits) SCSP programme implemented by Tirupati centre, tissue culture Red banana plants were distributed to beneficiaries (Eight beneficiaries @ 500 plants for each beneficiary) of Pedda Orampadu and Ralla Cheruvu Villages of Obulavaripalli mandal on 13 March 2022.



On 5 & 8 March 2022, Dr. S. Lavanya, Research Associate, (Livestock production), Dr. Srividya Rani. N, Scientist & Head and Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta had provided Tutorial classes materials to SC students under ICAR Grants SC-SP-2020-21- Goat rearing as an income generation activity for SC farmers at KVK, Vonipenta.

Diagnostic Visits

Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science) has conducted diagnostic visit to murrel fish seed rearing by farmers in and around Jagannadhapuram Village, Tadepalligudem mandal on 3 March 2022. In this visit, observed the fish seed suffering with bacterial infection and treatment was suggested.



On 14 March 2022 Dr.T.Vijaya Nirmala, Scientist (Veterinary Science), KVK, Venkataramannagudem visited dairy farm at Thimmanapalem village, Nallajerla mandal. In this attended a case of low milk production in milking buffalo and suggested use of balanced concentrate feed @ one kg per every two litres of milk production and also suggested feeding of both cereal and legume fodder for more milk production.

Dr.B.Srinivasulu, Associate Dean, Dr.K.Ramaiah, Professor (Ento.) and Dr.K.Swarajya Lakshmi, Professor (Hort.) visited papaya and mango gardens in adopted village Venkatareddipalli on 3 March 2022. Noticed thrips and whitefly infestation in papaya and shoot borer incidence in Mango. Suggested control measures to farmers. Identified high yielding local varieties of Jack fruit and Ramaphal trees, for germplasm collection and further studies on crop improvement.

Dr.C.Madhumathi, Principal Scientist (Hort.) & Head and Dr.M.Kavitha, Senior Scientist (Pl. Path.), CRS, Petlur visited the dragon fruit, Jack fruit (Ayush Jack) & custard apple (NMK gold) garden at Dakkili mandal along with horticultural officer, Venkatagiri and suggested to take up training and pruning in jack & custard apple on 3 March 2022.



Dr.G.Ramanandam, Principal Scientist (Hort.)& Head and Dr.R.Naga Lakshmi, Senior Scientist (Hort), proceeded to Kalavalapalli (V) on 15 March 2022 for diagnostic visit of pepper plantation and observed the wilt disease symptoms in Panmiyer-1 and suggested drenching of COC@2.5 g/L water. Also visited nutmeg plantations in coconut, pine-apple and oil palm crops.

On 3 March 2022, Dr. K. Mallikarjunarao, Research Associate (Horticulture) and Dr.B.Govinda Rajulu, Principal scientist Head, KVK, Periyavaram conducted follow up visit in chilli and okra fields at Chilamanuru village, Balayapallimandal. Created awareness on best management practices of chilli and okra; and suggested to spray Planofix @1ml/4.5liters of water to induce more flowering and to reduce flower and fruit drop in chilli and Arka Vegetable Special @2g/l to get higher yields and quality fruits in okra.



On 5 March 2022, Dr. K Mallikarjunarao, Research Associate (Horticulture) visited chilli field at Siddavaram village (VC to village), Venkatagiri mandal. Observed fruit rot & die back and suggested to spray Propiconazole @1ml/l (or) Azoxystrobin @ 1ml/l and created awareness on ICM practices in Chilli.

Team of Scientists of Mango Research Station, Nuzvid surveyed mango gardens at Jaggayyapeta, Penuganchiprolu, Anigallapadu, Gummadiurru villages of Nandhigama & Jaggayyapeta mandal on 8 March 2022 and recorded the pest & disease incidence and percent of setting in Mango varieties.



On 14 March 2022, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta had visited Ash gourd fields for diagnosis of pests and diseases at Moolapalle village of Sri Avadhutha Kasinayana mandal. During the visit Scientist identified leaf eating caterpillars and suggested foliar spray of Chlorpyrifos or Quinalphos @ 0.2% for control the pest.

On 14 March 2022, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta had visited Cotton fields for diagnosis of pests and diseases at Brahmanapalle village of Kalasapadu mandal. During the visit scientist identified whiteflies and suggested foliar spray of Profenofos @ 0.2% or Neem oil @ 0.5% for control the pest.



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 March, 2022 (3-4 PM).

Date	Topics
02.03.2022	జీడిమామిడిలో యాపిల్ మరియు గింజ తొలుచు పురుగు నివారణ డా.బి.నాగేంద్ర రెడ్డి, శాస్త్రవేత్త, జీడిమామిడి పరిశోధన స్థానం, బాపట్ల
03.03.2022	పసుపు సేంద్రియ సాగు - మెళకువలు; పసుపులో సమగ్ర సస్యరక్షణ డా.బి.తనూజప్రియ, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, లాం

Date	Topics
04.03.2022	కర్రపెండలంలో మేలైన రకాలు మరియు విత్తనోత్పత్తి ప్రాముఖ్యత డా.ఎమ్.జానకి, శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, పెద్దాపురం
05.03.2022	అల్లం మరియు పసుపులో విత్తన నిల్వ పద్ధతులు డా.వి.శివ కుమార్, శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, చింతపల్లి
07.03.2022	నిమ్మ తోటల్లో సేంద్రియ వ్యవసాయం డా.బి.ప్రతాప్, సీనియర్ శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, పెట్లూరు
08.03.2022	మిరప కోత, కోత అనంతర పరిజ్ఞానం మరియు విత్తనోత్పత్తిలో తీసుకోవలసిన జాగ్రత్తలు డా.ఎ.రజిని, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, లాం
09.03.2022	మామిడి పూత సమయంలో ఆశించే పురుగులు – వాటి యాజమాన్య పద్ధతులు డా.జి.స్రవంతి, శాస్త్రవేత్త, మామిడి పరిశోధన స్థానం, నూజివీడు
10.03.2022	చేపలు మరియు రొయ్యల పెంపకంలో మేలైన యాజమాన్య పద్ధతులు డా.ఎ.దేవివరప్రసాద్ రెడ్డి, శాస్త్రవేత్త, కె.వి.కె, వెంకటరామన్నగూడెం
11.03.2022	కొబ్బరిలో సేంద్రియ ఎరువుల పునరుత్పాదన డా.జి.రామానందం, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, కొవ్వూరు
14.03.2022	బెండలో సమీకృత తెగుళ్ళ నిర్వహణ డా.ఎల్.రంజిత్ కుమార్, శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, పెట్లూరు
15.03.2022	గ్రామీణ ప్రాంతాలలో మహిళలు మరియు పిల్లలలో పోషకాహార సమస్యలు – నివారణ డా. ఇ. కరుణ శ్రీ ప్రధాన శాస్త్రవేత్త & హెడ్, కె.వి.కె, వెంకటరామన్నగూడెం

"Udyana Vani" programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following "Udyana Vani" Programs during the first fortnight of March, 2022.

Date	Topics
02.03.2022	టమాట, మిరప సాగులో మెళకువలు
03.03.2022	మార్చి మాసంలో తోట పంటలలో చేపట్టవలసిన పనులు; పెరటి తోటల పెంపకం; మిద్దె తోటల పెంపకం
04.03.2022	గోరుచిక్కుడు, చిలగడదుంప, పెండలం మరియు కంద సాగులో మెళకువలు
05.03.2022	మార్చి మాసంలో తోట పంటలలో చేపట్టవలసిన పనులు; సమస్యాత్మక భూములు—వాటి యాజమాన్యం
07.03.2022	నిమ్మ సాగులో మేలైన యాజమాన్య పద్ధతులు
08.03.2022	గ్రామీణ ప్రాంతాలలో మహిళలు మరియు పిల్లలలో పోషకాహార సమస్యలు—నివారణ

Date	Topics
09.03.2022	మార్చి మాసంలో వివిధ కూరగాయ పంటల నందు చేపట్టవలసిన పనులు; సర్పగంధ, పిప్పిలి, గ్లోరి లిల్లీ, కామంచి, దూలగొండి, కస్తూరి బెండ, శతావరి సాగులో మెళకువలు
10.03.2022	వాతావరణ సూచనలు, మార్చి మాసంలో వివిధ సుగంధ ద్రవ్య పంటల నందు చేపట్టవలసిన పనులు; ఆకుకూరల సాగులో మెళకువలు
11.03.2022	మార్చి మాసంలో వివిధ పండ్ల తోటలలో చేపట్టవలసిన పనులు; సూక్ష్మసాగు నీటి పద్ధతి
14.03.2022	చీని, నిమ్మ సాగులో మెళకువలు
15.03.2022	మార్చి మాసంలో వివిధ పూల తోటల నందు చేపట్టవలసిన పనులు; బీడిమామిడి సాగులో మెళకువలు

Technical support to RBK Channel

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

Date	Topic	Scientist Name
04.03.2022	నిమ్మ మరియు బత్తాయి తోటలలో మేలైన యాజమాన్యం	Dr.C.Madhumati, Principal Scientist & Head, CRS, Petlur
07.03.2022	డ్రాగన్ ఫ్రూట్ సాగులో మేలైన యాజమాన్యం	Dr.B.Vimala, Scientist, HRS, Anantapuramu
11.03.2022	తమలపాకు సాగులో మేలైన యాజమాన్యం	Dr.D.Aparna Senior scientist (Hort),HRS, Venkataramannagudem
14.03.2022	వర్డికల్ గార్డెన్ మరియు హైడ్రోఫోనిక్స్లో మేలైన	Dr.M.Ravindrababu, Sr.Scientist (Hort.), HRS, V.R.Gudem

Radio Programmes

On 2 March 2022, Dr. K. Venkata Subbaiah, Scientist (Horticulture), KVK, Venkataramannagudem recorded a programme on "Value addition of cashew apple: Employment to Rural Youth" at All India Radio (AIR), Vijayawada.

On 9 March 2022, Dr.M.Ravindra Babu, Senior Scientist (Hort.) HRS, V.R.Gudem attended the programme on "Kooragayala Saagulo Melaina Yaajamaanya Paddathulu" for Pasidipantalu which was telecasted Dooradarshan Sapthagiri at Vijayawada.

General

HRD

Smt. B. Neeraja, Scientist (Pl.Path.) participated in the ICAR sponsored 10 days short course on "Phytophthora - From Isolation to Functional Genomics" from 2 to 11 March 2022 conducted by ICAR-IISR, Kozhikode through virtual mode.

Meetings

Dr. R.Nagaraju, Principal Scientist (Hort), Dr L. Mukunda Lakshmi, Senior Scientist (Horticulture), Dr. D.Srinivasa Reddy, Senior Scientist (Entomology) and Dr. T. Rajasekhram, Senior Scientist (PP) CRS, Tirupati participated and presented technical programme in 9th Group Discussion, 2022 of ICAR-AICRP on fruits through virtual mode from 8th to 11th March-2022. Two farmers from Chittoor and YSR Kadapa district participated in farmer's interaction meeting on 11 March 2022.

Dr.G.Ramanandam, Principal Scientist (Hort.) & Head, HRS, Kovvur participated in virtual meeting on prebit meeting on expression of interest for cluster development programme on Banana being organized by Department of Horticulture on 2 March 2022.

Dr.G.Ramanandam, Principal Scientist (Hort.)& Head and Dr.A.Snehalatha rani Scientist (Pl Path), HRS, Kovvur participated in the 9th Group Discussion of ICAR-AICRP on Fruits from 8 to 11 March 2022 through virtual mode.

NHB Nursery Accreditation Team Visit

The National Horticulture Board Nursery accreditation committee viz., Dr.M.Salem, Farmer Director Research, SKUAST-Kashmir, Dr.R.K.Sigh, Deputy Director, NHB, Dr.K.T. Venkataramana, Principal Scientist (H) & Head, Anantharajupet, Dr.B.Govinda Rajulu, Principal Scientist (PP) & Head, KVK, Periyavaram, Sri.Anand, Horticulture officer, Venkatagiri visited the CRS, Petlur fruit nursery and monitored the mother blocks of Acid lime cv., Petlur Pulusu nimma & Balaji, Rangapur lime root stock mother block and primary, secondary nursery beds & infrastructure facilities available at Citrus Research Station, Petlur.



NHB Nursery Accreditation team from Government of India Dr. S. K. Singh, Dr. Ahmed Ali, J&K as External Expert along with Sri. Subba Reddy, ADH-I (Chittoor Division) Department of Horticulture, Govt. of AP, Dr. K T V Ramana, Zonal Research Head, Rayalaseema Zone, Dr.YSRHU visited Model fruit nursery at Citrus Research Station, Tirupati as a part of accreditation and inspected Scion Mother blocks, Root stock blocks, laboratories, primary and secondary nurseries and interacted with scientists on 11.03.2022. Dr. R. Nagaraju, Principal Scientist (Hort) & Head, Dr. L. Mukunda Lakshmi, Sr. Sci (Hort), Dr. D. Srinivasa Reddy, Scientist (Ento) and Dr. T. Rajasekhar, Sr. Scientist (Pl. Path) explained about different facilities available and the improved technologies followed to produce acidlime seedlings and virus free Sweet orange budlings.

Exhibition Stalls

The Value added products made out of worshipped flowers were exhibited on 5 March 2022 at Padmavati Guest house, Tirumala during the visit of Hon'ble Chief Justice of India Sri. N V Ramana Garu in the august presence of TTD Chairman Y.V. Subba Reddy, TTD Executive Officer Dr. KS Jawahar Reddy, IAS and other TTD board members. Dr. R. Nagaraju, Principal Scientist (Hort) & Head, CRS, Tirupati, Member – Convenor of the project explained about the dry flower skill development technology project and different products prepared by women trainees at TTD &



Dr YSRHU skill training centre, CRS, Tirupati. Smt. S.Vishnuja, Research Associate co-ordinated the programme

Visits

CSIR 4PI Project - Crop phenology Team visited CRS, Tirupati on 11 March 2022 and interacted with scientists of CRS, Tirupati.



Sixty eight students from Agricultural College, Rajamahendravaram, ANGRAU along with S.Krishnam Raju, Professor (Pl.Path.) and K.Vasantha Bhanu, Professor (Ento.) visited HRS, Kovvur on 9 March 2022. Dr. G.Ramanandam, Principal Scientist (Hort.) and Head explained about the overall activities in the station. Dr. R.Naga Lakshmi, Senior Scientist (Hort.) took the practical class under PATH 372 about the diseases of tuber crops and their management. Dr.Ch.S.Kishore Kumar, Scientist (P.Path.) explained about the nematodes in horticultural crops and diseases in banana. Dr. K. Ravindra Kumar, Senior Scientist (Hort.) explained about the role of tissue culture in eliminating the diseases.



Dr. D. Jaganathan, Dr. A.V.V.Koundinya from ICAR- CTCRI, Thiruvananthapuram, Kerala and Smt. N. Sujatha, Horticulture Officer, Peddapuram have visited the HRS, Peddapuram on 5 March 2022. Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has explained the mandate and research activities of research station.



Eighty students of 2nd year B.Sc. (Agriculture) from College of Agriculture, Rajahmundry, ANGRAU have visited HRS, Peddapuram on 11.03.2022. Dr. M. Janaki, Scientist (Hort.) & Head has explained the research activities going on at the station, the production technology of cassava, sweet potato and other tuber crops.



Dr B.M.K Reddy, Chairman, APSBB, Andhra Pradesh visited KVK, Vonipenta on 11.03.2022. During the visit Dr B.M.K Reddy, Chairman, APSBB interacted with scientists of Krishi Vigyan Kendra, Vonipenta on developmental activities going on and also visited demo units at KVK, Vonipenta farm. Suggested to plan for the Tree germplasm of endangered species plot in KVK farm and explained the importance of the maintenance of biodiversity.



Publications

R V S K Reddy, L Mukunda Lakshmi, K T V Ramana, D Srinivasa Reddy, T Rajasekharam, R Nagaraju, J Omprasad and T Janakiram. 2022. Citrus (*Citrus* spp.) cultivation in Andhra Pradesh-a Case study. *Current Horticulture* 10 (1) 23-28.

Awards

Dr.YSRHU-KVK, Venkataramannagudem intervened tribal women farmer Smt. Asi Dhanamma, progressive from East Rekulakunta Village of Buttaigudem mandal, West Godavari district received IARI Innovative Farmer Award during Pusa Krishi Vigyan Mela-2022 from 9 to 11 March 2022.



Dr.YSRHU - CoH, Venkataramannagudem B.Sc (Hons.) Horticulture students G. ParamJyothi, P. Sharon Pushpa, G. Naga Rajeswari, K. Pranathi, G. Venkata Lakshmi, P. Yelia & N.Nithin and M.Sc (Horticulture) students K. Varshitha, H. Pooja, S. Deepthi KiranSagar, H. Pooja & K. Varshitha received AVISHKAAR, 2022 awards for innovative ideas organized at Adikavi Nannaya University, Rajamahendravaram from 4 to 5 March 2022.



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