



### Fortnight Focus

- In Events
- Education
- Research
- Extension
- General

## From Vice-Chancellor's Desk

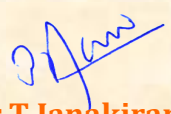
### THE ORCHIDS



Orchids have gained importance as one of the highly priced horticultural crops across the world. The orchids account for nearly ten per cent of flowering plant species and constitute one of the largest, diverse and highly evolved families of flowering as ornamentals any are used as herbal medicines, food and other have cultural value by different cultures and tribes in different parts of the world.

The Orchid Society of India has been actively pursuing the cause of Indian orchidology by popularizing orchids among the masses, stressing the importance of their conservation.

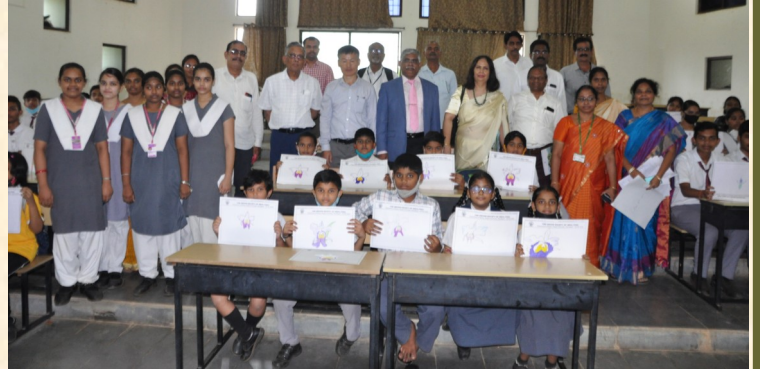
Dr YSR Horticultural University is concentrating in research and conservation of orchids at Dr.YSRHU-Horticultural Research Station, Chintapalli, Visakhapatnam district, Andhra Pradesh by establishing Centre of Excellence on Orchids.

  
**Dr T.Janakiram**  
 Vice-Chancellor

## The Events

### International Conference on Orchids

The Orchid Society of India (TOSI), Department of Botany, Punjab University, Chandigarh and Dr.YSR Horticultural University (Dr.YSRHU) in co-operation with BSI, Kolkata and ICAR-NRC for Orchids, Pakyong have organized International Conference cum Workshop (Hybrid mode) on Agrotechnology, value addition, global trade and sustainability of medicinal/ neutraceutical orchids & orchids show at Dr.YSRHU, Venkataramannagudem, West Godavari district, Andhra Pradesh from 25 to 27 March 2022. The conference was organized & co-ordinated by Professor A.K.Bhatnagar, President, TOSI, Professor Promila Pathak, Convener & Organizing Secretary, TOSI, Dr.T.Janakiram, Vice-Chancellor & Dr.R.V.S.K.Reddy, Director of Research, Dr.YSRHU.





**THE ORCHID SOCIETY OF INDIA (TOSI)**  
 Department of Botany, Panjab University, Chandigarh – 160 014, India  
[www.orchidsocietyindia.org](http://www.orchidsocietyindia.org)



**Dr Y.S.R. HORTICULTURAL UNIVERSITY**  
 Venkataramannagudem, West Godavari, Andhra Pradesh-534101

# ORCHID EXHIBITION



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 Department of Botany, Panjab University, Chandigarh – 160 014, India  
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**Dr Y.S.R. HORTICULTURAL UNIVERSITY**  
 Venkataramannagudem, West Godavari, Andhra Pradesh

Organized  
**International Conference-cum-Workshop (Hybrid Mode)**  
 on  
**Agrotechnology, Value Addition, Global Trade and Sustainability of Medicinal/Neutraceutical Orchids & Orchid Show**  
 March 25-27, 2022

In Co-operation with  
 BSI, Kolkata (West Bengal) & ICAR-NRC for Orchids, Pakyong (Sikkim)

Sponsors:

**We sign with pride**

## Birth Anniversary of Amarajeevi Potti Sriramulu

In commemoration of birth anniversary of Amarajeevi Potti Sriramulu, tributes were paid to the great leader on 16 March 2022 at Administrative office and all the institutes of Dr.YSRHU.



## 59<sup>th</sup> Board of Management Meeting

Dr.YSRHU has conducted 59<sup>th</sup> Board of Management Meeting on 17 March 2022 at Conference Hall, ANGRAU, Lam Farm, Guntur under the chairmanship of Dr.T.Janakiram, Hon'ble Vice-Chancellor, Dr.YSRHU. Hon'ble Ex-Officio Members of Board of Management Dr. A. Vishnuvardhan Reddy, Vice-Chancellor, ANGRAU, Dr. V. Padmanabha Reddy, Vice-Chancellor, SVVU and Dr.S.S. Sreedhar, IFS, Commissioner of Horticulture. The Board of Management has made certain decisions and approved the list of selected candidates for the post of Assistant Professors under various disciplines at Dr.YSRHU and appointment orders were also issued immediately as per the approval of Board of Management, Dr.YSRHU.



## HRD in Dr.YSRHU

ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad conducted 5 days training on "FDP on Teaching Competency Enhancement through Innovative Methods" for teachers/ scientists (50 members) of Dr.YSRHU from 15 to 19 March 2022.



## Education

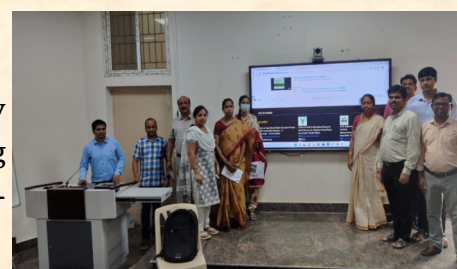
### Exposure Visits

Students (ELP-403) of final year CoH, Anatharajupeta along with staff Dr. K. Eresh Kumar, Asst. Professor (Agril. Engg.) and Dr. Tulsi Rami Reddy, Asst. Professor (SSAC) had exposure visit on 26.03.2021 to 1. Farm Direct Impex(FDI)- Renigunta, 2. Sudhakar plastics- Renigunta, 3. College of dairy technology- SVVU and 4. CRS- Tirupati



### Establishment of Virtual class room

As a part of Agri DIKSHA web education channel sponsored by ICAR, New Delhi a virtual class room was installed for conducting classes to students at the College of Horticulture, Venkataramanagudem on 21 March 2022.



## Awareness Programmes

Conducted Awareness programme to final year students, CoH, Anantharajupeta on activities of RBK (Rythu Bharosa Khendra), at Nagavaram (v), Chitvel (M), YSR District on 26 & 28 March 2022. Here students have acquired knowledge on the implementation of various schemes, programmes, subsidies that are available in department of agriculture and horticulture, that are in progress for the benefit of farmers.



Anti-ragging awareness program was conducted by Dr.G.Thanuja Sivaram, OSA incharge under the guidance of Dr.B.Srinivasulu, Associate Dean, College of Horticulture, Anantharajupeta on 31-03-2022. Smt. Anjana Priyadarshini, Junior Civil Court Judge, enlightened the students about laws and punishments for those involved in ragging activity. Sri Venkatrama Raju, BAR Council president, Sri. Reddiah and Sri. Sankaraiah, Senior Advocates created awareness to the students on different types of laws, fundamental duties of citizens of India, discipline and decorum to be followed and then college to make the campus ragging free.

## NSS Activities

NSS Special Camp was conducted at Oguru, adopted Village of CoH, Chinalataripi for one week from 22 to 28 March 2022. Various activities like Medical camp, Yoga, Clean and Green, Entrepreneurship development for Farm Women with processed food products were conducted under NSS Special Camp. NSS In-charge Dr. K. Jyotirmai Madhavi Coordinated the Programme.



As part of Poshan Pakhwada programme during 21 March to 4 April 2022 at MPPS, Anantharajupeta, awareness was created among the school children about the nutrition and immunity development through functional, protective, horticultural based foods. Importance of fresh fruits and vegetables in the diet for health benefits was explained by NSS cell, CoH,

Anantharajupeta. NSS programme officers, Dr. Lalitha Kadiri, Dr. M. Jayaprada and NSS volunteers participated in the programme.

## AP Educational Exposure Tour

B.Sc. (Hons.) Horticulture Final year students of CoH, Chinalataripi were taken on AP Educational Exposure Tour from 25<sup>th</sup> -28<sup>th</sup> March, 2022 to International Conference Cum Workshop on Agrotechnology, value addition, Global Trade and Sustainability of Medicinal/Neutraceutical Orchids & Orchid Show at CoH, V.R.Gudem and Kadiyam Nurseries as a part of the curriculum. OSA Ms.S.M.Sailaja and Dr.S.Lokesh babu acted as Tour leaders.



## Guest Lecture

A guest lecture by Dr. B.M.K.Reddy, Chairman, AP State Biodiversity Board was organized at CoH, Anantharajupeta on 26 March 2022. This lecture enriched the knowledge of staff and students of CoH, Anantharajupeta on biodiversity aspects viz., Formation of 14000 biodiversity committees, safeguarding the properties of public domain. Safe guarding the rights of common people, for their local resources like various plants and animals, and their products.



## Farewell Day

Farewell Day was celebrated at CoH, Anantharajupeta, on 30 March 2022. The third year students (2019) arranged a warm farewell to their seniors of 2014 admitted batch. The Associate Dean, faculty and students participated in this programme.



## Extension Activities

### Vice-Chancellor to Village Activities

On 16 March 2022, Dr. N.B.V.Chalapathi Rao, Principal Scientist (Entomology) proceeded to adopted village Mamidikuduru as a part of VC to Village programme and conducted training on Mass multiplication of Bio control agents in the field for control of coconut pests and diseases at FPO Nariyal Bharat Nutra PC Ltd. Mamidikuduru village and explained the importance on adoption of integrated approach on Rugose spiraling white fly management using predator and biocontrol agent.



Dr. M. Janaki, Scientist (Hort.) & Head has visited the adopted village "Kattamuru" on 31 March 2022 and visited Chilli, Ivy gourd, bitter melon and marigold fields and observed fruit borer, mites, thrips in chillies and marigold and observed leaf miner and anthracnose in cucurbits and given remedial measures and also attended Thotabadi conducted by Dept. of Horticulture.

Dr.P.Ashok, Senior Scientist (Hort) & Head, and Dr. M. Ravidra Babu, Senior Scientist (Hort) HRS, V.R.Gudem conducted diagnostic field visit to water melon fields at Ramannagudem and Telikacharla on 30 March 2022 and noticed downy mildew and thrips damage in the field. Recommended Dimethomorph 50 % wp @1.5 gm/lr and Thiamethoxam 25 % WG @0.5 gm/l



Dr.R.Rajya Lakshmi, Principal Scientist (Hort.) and Dr. G. Sravanthi, Scientist (Entomology) have organised "Importance of Horticulture in current scenario and Horticulture startups awareness program" to Degree college students of Adopted village 'Tukkuluru' on 23 March 2022.

## Training Programmes

Scientists of MRS, Nuzvid Dr.B.K.M.Lakshmi, Principal Scientist (Pl. Pathology) & Head, Dr.R.Rayalakshmi, Principal Scientist (Hort.) and Dr.G.Sravanthi, Scientist (Entomology) in association with Andhra Pradesh Irrigation and Livelihood Improvement Project (APILIP-2) organised Training programme on “Production, Post harvest handling, Processing and Quality assurance of fresh mango at Krishna district under APILIP-2 to farmers and extension personnel at MRS, Nuzvid on 29 & 30 March 2022.



Dr.T.VijayaNirmala, Scientist (Veterinary Science) has explained about the importance of poultry birds in backyard farming, improved poultry breeds, health care management, etc to the farmers. Dr.A.Devivaraprasad Reddy, Scientist, KVK, Venkataramannagudem has explained the integrated management of poultry birds in aquaculture to the farmers on 16 March 2022.

Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), KVK, V.R.Gudem explained the better management practices in shrimp farming to the farmers of Kothuru Village, Tadepalligudem mandal on 17 March 2022. In this program explained about the pond preparation, seed selection, usage of probiotics, feed management, and health management.



KVK, Venkataramannagudem has conducted one day training program on “Murrel culture techniques” on 22 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 17 March 2022 Dr.B.Vijayasree, Research Associate (Home Science), KVK, Periyavaram conducted on campus training programme on “Demonstration of Guava Fruit toffees”. Dr.B. Srinivasulu, Director of Extension visited and participated as Chief guest interacted with SHG women, Anganwadi teachers on technical programs of Home science on Moringa based Millet biscuits, Fruit toffees and Nutrigardens, enlightened SHG women on taking up of income generation activities through the technologies learned in Home Science to develop as entrepreneurs and evaluated the Guava fruit toffees prepared by SHG women and distributed Moringa plants to Anganwadi teachers of Venkatagiri mandal Dr.B. Govindarajulu, Principal Scientist (PP) & Head, KVK, Periyavaram acknowledged participants on different programs of KVK. In this program ICDS- CDPO Smt.N. Jyothi, Anganwadi teachers of Venkatagiri, Balayapalli mandals of SPSR Nellore district, VOAs of SERP, RBK - VAA P.Siva Kumar participated.



KVK, Venkataramannagudem conducted one day training program on “Profitable Sheep and goat farming” to tribal farmers. In this explained about feed management, various diseases affecting sheep and goat, their treatment & control, vaccination program, deworming, measures to be taken during summer season, ram lamb rearing. Distributed Nellore brown sheepunits (16 no.) and Black bengal goat units (16 no.) under Tribal Sub Plan (TSP) and Attracting and Retaining Youth in Agriculture (ARYA) schemes. This program was coordinated by Dr.T.Vijaya Nirmala, Scientist (Veterinary Science). In this Dr.E.Karunasree, Principal Scientist & Head, Dr. A. Devivaraprasad Reddy, Scientist (Fishery Science), Dr.K.Venkata Subbaiah, Scientist (Horticulture), Dr. Y. Raghavendra, Scientist (Soil Science & Agriculture Chemistry), KVK, Venkataramannagudem and 32 farmers have participated.



On 28 March 2022, KVK, Venkataramannagudem conducted one day training program on “Entrepreneurship development in backyard poultry rearing” to the tribal farmers and explained about different varieties of backyard poultry, poultry feed preparation with local available feed ingredients, different diseases affecting birds during chick, grower and layer stages, brooding management in chicks, vaccination and deworming schedule. In this one month old Vanashree variety chicks were distributed to 23 tribal farmers under Tribal Sub Plan (TSP) scheme. This program was coordinated by Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) KVK, Venkataramannagudem. Dr.E.Karunasree, Principal Scientist & Head, Dr. A. Devivaraprasad Reddy, Scientist (Fishery Science), Dr.K.Venkata Subbaiah, Scientist (Horticulture), Dr. Y. Raghavendra, Scientist (Soil Science & Agriculture Chemistry), KVK, Venkataramannagudem have participated.

On 30 March 2022 Dr. Srividya Rani. N, Scientist & Head, KVK, Vonipenta had attended FPO Board meeting organised at Peddachappali (Village) of Kamalapuram mandal. In this programme Scientist & Head explained about the importance and need of FPO formation and also about the uses of FPO group and said that KVK is ready to help the farmers in providing extension services. Guests of the programme Sri Vijaya Vihari, DOM, NABARD explained about the guidelines to be followed in the working FPO & also help and guidance of the NABARD which supports KVK. Sri Chalapathi Ekalavya foundation trustee, Sri Narasimha Reddy, Agricultural Officer, Kamalapuram, Punjab National Bank manager, Ekalavya foundation organisers and 150 farmers attended the programme.



Dr. M. Ravindra Babu, Senior Scientist (Hort.), HRS, V.R.Gudem attended training programme on “Protected Cultivation of high value vegetables” as resource person at HTRI, Ongole organised by Department of Horticulture, Prakasam district on 19 March 2022 and also visited shade net nurseries at Bobbepalli on 20 March 2022 along with Department officers and farmers.



A three days Entrepreneurship Development training programme for small ruminant farmers was conducted under the project “Capacity building of farmers through training programmes on Profitable Dairy farming and Livestock Management” from 21 to 23 March 2022 by KVK, Periyavaram at M.D.Kandriga village of Venkatagiri mandal. The programme was conducted with an aim to develop skill among the rural youth and practicing farmers regarding scientific methods of sheep rearing for better income generation.



A three days Training programme on “Clean Milk Production for more Income” was conducted under the project “Capacity building of farmers through training programmes on Profitable Dairy farming and Livestock Management” from 28 to 30 March 2022 by KVK, Periyavaram at Chapalapalle village of Dakkili mandal. The programme was conducted with an aim to develop skill among the rural youth, practicing farmers and farm women regarding techniques for increasing milk yield and fat percentage of milk by incorporating scientific methods of rearing and milking techniques.

A three days Training programme on “Scientific management of Cattle and Buffalo” was conducted under the project “Capacity building of farmers through training programmes on Profitable Dairy farming and Livestock Management” from 24 to 26 March 2022 by KVK, Periyavaram at Petlur village of Venkatagiri mandal. The programme was conducted with an aim to develop skill among the rural youth and practicing farmers regarding scientific methods of rearing cattle and buffaloes for better income generation.



On 24 March 2022, Dr. Srividya Rani. N, Scientist & Head and Dr. S. Lavanya, Research Associate (Livestock production) from Krishi Vigyan Kendra, Vonipenta had conducted training programme on importance of summer ploughing to the farmers of Madirepalli village of Duvvur mandal. In this programme scientists explained about the importance, uses and also need for going to summer ploughing which helps in exposing the pupae. In this programme 19 farmers participated in the training programme.

From 25 to 31 March 2022, KVK, Vonipenta conducted Scientific Bee keeping training programme sponsored by National Bee Board. In this programme Dr. Srividya Rani. N, Scientist & Head, KVK, Vonipenta initiated the programme and explained to the farmers regarding introduction to Bee keeping and uses of Bee keeping in the present era. Dr. Shali Raju, Scientist (Entomology) from KVK, VR Gudem attended as resource person and explained to the farmers on importance of Honey bees in the field and horticultural crops. Dr. Ramaiah, Professor & Head, Dept of Entomology explained on pest and disease management in Bee keeping. Sri M.K. Sunkanna, Bee keeper explained to the farmers regarding the practical handling of Bees and also the Central Government Schemes which are providing subsidies in Bee keeping. In this



programme scientists of KVK, Vonipenta Dr. S. Lavanya (Livestock Production), Ms. Bindu Bhargavi (Entomology), Dr. Harshitha (SSAC) and Dr. Firoz (Horticulture) and 25 farmers attended the programme. On 31.03.2022, valedictory session was conducted at KVK, Vonipenta. In this programme Dr. B. Srinivasulu, Director of Extension, Dr. YSRHU, Dr. E. Karunasree, Principal Scientist & Head, KVK, VR Gudem had interacted with the farmers through online and explained about the subsidies available regarding bee boxes and also knew about the 7 days training programme. Scientists also provided the certificates to the farmers in valedictory session.

### Front Line Demonstrations

On 22 March 2022, Dr.B.Vijayasree, Scientist (Home Science) Krishi Vigyan Kendra, Periyavaram, conducted Follow-up visit to Nutrigardens in MD Kandriga village, Venkatagiri (M), SPSR Nellore district as part of FLD and Promotion of Nutrigardens for rural farm women. In this programme Awareness was created on growing of vegetables, fruits and leafy vegetables, importance of nutri garden and its establishment to meet the recommended dietary allowances of vegetables, fruits and leafy vegetables in the diet to reduce micro nutrient deficiencies and malnutrition among women and children in rural areas. In this programme nutrigarden beneficiaries, Anganwadi team and farmers have participated.



On 29 March 2022, KVK, Periyavaram distributed Groundnut seed Kadiri Lepakshi (K-1812) to the farmers of Byravaram and Patrapalli villages of Balayapalle Mandal, Palakonda satram of Venkatagiri Mandal under CFLD Oilseeds summer programme 2021-22. Dr. B. Govinda Rajulu, Principal Scientist (PP) and Head, KVK Periyavaram enlightened the farmers about the Plant Protection measures and Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension), KVK Periyavaram has given the package of practices of Groundnut.

On 24 March 2022, Dr. Srividya Rani. N, Scientist & Head and Dr. S. Lavanya, Research Associate (Livestock production) from Krishi Vigyan Kendra, Vonipenta had conducted follow up visit under CFLD oil seeds- Sesamum variety YLM-66 at Madirepalli village of Duvvur mandal. Scientists observed powdery mildew infestation in Sesamum and suggested to spray Myclobutanil @ 2 gms/litre for control of powdery mildew infestation.



On 24 March 2022, Dr. SrividyaRani. N, Scientist & Head and Dr. S. Lavanya, Research Associate (Livestock production) from KVK, Vonipenta conducted follow up visit under CFLD Oil seeds- Groundnut variety K9 in Madirepalli village of Duvvur mandal. Scientists observed the growth of Groundnut and suggested to go for weeding twice within 45 days and also to apply gypsum within 40-45 days

for better pod development.

## ICAR SC Subplan

On 31 March 2022, Dr. B.V.K. Bhagavan, Principal Scientist (Hort.) & Head, Dr. N.B.V. Chalapathi Rao, Principal Scientist (Ent.) & Dr. V. Govardhan Rao, Scientist (Pl.Path.), HRS, Ambajipeta visited to Pilla-lanka village, Tallarevu mandal for inspection of farmers fields under SC Sub Plan 2021-22 where planting materials of Coconut, Banana and Cocoa were given to beneficiaries.



On 24 March 2022, Dr. S. Lavanya, Research Associate (Livestock production) and Dr. Srividya Rani, N, Scientist & Head from Krishi Vigyan Kendra, Vonipenta had visited to Black Bengal Goats under ICAR- SC Subplan- 2021 at Gudipadu village of Duvvuru mandal. Dr. S. Lavanya interacted with farmers and explained an overview on Feeding, Housing management of goat and general management practices.

## Diagnostic Visits

Dr. Ch. Ruth, Professor (Pl.Path.), Dr. K. Swarajya Lakshmi, Professor (Hort.) and Dr. Nalini, TA visited mango garden belonging to farmer Gangadharan 16 March 2022 in Anantharajupeta village of Kodur Mandal and observed infestation of hoppers, leaf webber, shoot borer. Suggested to spray starch powder dissolved in water to clear the sooty mold growth. It is also suggested to spray Thiamethaxam 0.4g/lit and carbendazim 1g/lit of water.

On 24 March 2022, Dr Y Sarath Kumar Reddy, Scientist (Pl Phy) and Sri. G. Sandeep Naik, Scientist (Pl Path), HRS, Anantharajupeta had visited Papaya fields in P. Kammappalli village of Obulavaripalli mandal under AICRP on Fruits SC subplan. During the visit Scientists observed Papaya ring spot virus disease incidence and suggested to spray imidacloprid @ 0.03% or Fipronil @ 0.2% and Urea @ 1% + Zinc sulphate @ 0.25% + Borax @ 0.1% to control the virus transmitting vectors and to get good quality and higher yields.



Dr.A.Devivaraprasad Reddy, Scientist (Fishery Science), has conducted diagnostic visit on shrimp farms in and around Aragollu Village, Tadepalligudem mandal on 17 March 2022 and observed slow growth, improper maintenance of water quality parameters, plankton production etc. and accordingly remedial measures were suggested to the respective farmers.

On 22 March 2022, Dr. Dara Thirupal, Scientist (Horticulture), KVK, Periyavaram has visited Kitchen gardens (Bottle gourd, Onion, Chilli, Gogu, Tomato etc.) at MD Kandriga village, Venkatagiri Mandal, SPSR Nellore District and identified micro nutrient deficiencies in different vegetables and suggested foliar application of Agromax @5g/liter of water.



Diagnostic field visit in Acid lime and Mango orchards was conducted on 24 March 2022 by Dr. B. Govinda rajulu, Principal Scientist (PP) & Head, and Dr. D. Thirupal, Scientist (Horticulture) from KVK, Periyavaram and Dr. C. Madhumathi, Principal Scientist & Head, Dr. Kavitha, Senior Scientist (Plant pathology), Dr. L. Ranjith Kumar, Scientist (Entomology) from CRS, Petlur and E. Anand, Horticulture Officer of Venkatagiri and N. Narasaiah, VHA of Allibilliat Ambalapudi and Chutti villages, Balayapalli mandal, SPSR Nellore (Dt.) and Dr. B. Govinda rajulu, PS (PP) & Head, identified the different pest and diseases (Citrus canker, dry root rot and citrus scab) in acid lime and suggested that application of Ridomil @ 3g per liter water in acid lime for control of fungal disease and also explained about irrigation management practices in citrus filed to avoid diseases transmission between the plants through irrigation water. Dr. C. Madhumathi, PS (Hort.) & Head and other CRS, Scientists diagnosed leaf hoppers and sooty mold in mango filed and suggested spraying of Imidachloprid @ 2ml/lit of water to control the leaf hoppers and spraying of Carboryl @0.03% to control the sooty mold disease.



On 24 March 2022, Dr. S. Lavanya, Research Associate (Livestock production) and Dr. Srividya Rani. N, Scientist & Head, KVK, Vonipenta had visited to Black Bengal Goats under ICAR- SC Subplan- 2021 at Gudipadu village of Duvvuru mandal. Dr. S. Lavanya observed that both male and female goats appear in good health condition and explained about feeding, summer management practices of goats.



On 24 March 2022, Dr. SrividyaRani. N, Scientist & Head and Dr. S. Lavanya, Research Associate (Livestock production), KVK, Vonipenta conducted diagnostic visit in Groundnut at Madirepalli village of Duvvur mandal. Observed Root rot and collar rot infestation in Groundnut and suggested to spray Tebuconazole @ 1 ml/litre to control the disease spread. Also observed aphid infestation and suggested to spray Acephate @ 1 g/l.

On 24 March 2022, Dr. Srividya Rani. N, Scientist & Head and Dr. S. Lavanya, Research Associate (Livestock production), KVK, Vonipenta conducted diagnostic visit in chilli field at Madirepalli village of Duvvur mandal. Identified Thrips infestation in chilli and suggested the farmers to spray Fipronil @ 2 ml/litre and also practice IPM practices for better control.



## Field Day



Dr.T.Nagalakshmi, Senior Scientist (PP), Dr. D. Aparna Senior Scientist (Hort.) and Smt. P. Sunitha, Scientist (Ento.) AICRP on MAP & betelvine, HRS, V.R.Gudem conduct a field day on "Prospects of Nannari cultivation in A.P." on 30 March 2022 at farmer field in Siddardhanagar, Reddygudem mandal of Krishna district.

## 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 March, 2022 (3-4 PM).

Date	Topics
16.03.2022	వేసవిలో టమాట సాగు డా.ఎం.జి.బాల హుస్సేని, సీనియర్ శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, మదనపల్లి
17.03.2022	వేసవిలో జీవాలపెంపకంలో మెళకువలు డా.పి.మంజరి, శాస్త్రవేత్త, కె.వి.కె, పెరియవరం
19.03.2022	వేసవిలో కోళ్ళ యాజమాన్యం డా.టి.విజయ నిర్మల, శాస్త్రవేత్త, కె.వి.కె, వెంకటరామన్నగూడెం
21.03.2022	కొబ్బరిని ఆశించు తెగుళ్ళ యాజమాన్యం శ్రీమతి. బి. నీరజ, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, అంబాజీపేట
22.03.2022	నిమ్మలో పురుగుల సమగ్ర యాజమాన్యం డా.ఎల్.రంజిత్ కుమార్, శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, పెట్లూరు
23.03.2022	కొత్తిమీర సాగులో మెళకువలు డా.కె.గిరిధర్, ప్రధాన శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, లాం
24.03.2022	బొప్పాయి సాగులో మెళకువలు డా.కె.టి.వెంకటరమణ, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, అనంతరాజుపేట
25.03.2022	ఆంధ్రప్రదేశ్ లో ఔషధ మరియు సుగంధ తైల పంటల సాగుపై అవగాహన డా.డి.అపర్ణ, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం
26.03.2022	తీగ జాతి కూరగాయల సాగులో సలహాలు – సూచనలు డా.ఎం.రవీంద్రబాబు, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం
28.03.2022	జామ తోటల్లో పాటించవలసిన మేలైన యాజమాన్య పద్ధతులు డా.ఎం.ముత్యాల నాయుడు, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, దర్శి
29.03.2022	పొడి పశువుల మేత యాజమాన్యం డా.టి.విజయ నిర్మల, శాస్త్రవేత్త, కె.వి.కె, వెంకటరామన్నగూడెం
30.03.2022	జీవన ఎరువుల ప్రాముఖ్యత డా.వి.దీప్తి, శాస్త్రవేత్త, కె.వి.కె, వెంకటరామన్నగూడెం
31.03.2022	పెరటి తోటల సాగులో మెళకువలు 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 second fortnight of March, 2022.

Date	Topics
16.03.2022	మార్చి మాసంలో వివిధ పండ్ల తోటల నందు చేపట్టవలసిన పనులు మరియు సూచనలు; వ్యసాయ మరియు ఉద్యాన రంగంలో ప్లాస్టిక్ వినియోగం
17.03.2022	మార్చి మాసంలో వివిధ కూరగాయల పంటల నందు చేపట్టవలసిన పనులు మరియు సూచనలు; నేలవేము, కలబంద, సునముఖి , పాషాణ భేది, వస సాగులో మెళకువలు
19.03.2022	మార్చి మాసంలో వివిధ పండ్ల తోటల నందు చేపట్టవలసిన పనులు మరియు సూచనలు; సూక్ష్మసాగు నీటి పద్ధతి
21.03.2022	చీని, నిమ్మలో పురుగులు మరియు తెగుళ్ళ యాజమాన్యం
22.03.2022	గోరుచిక్కుడు , చిలగడదుంప, పెండలం మరియు కంద సాగులో మెళకువలు
23.03.2022	రబ్బర్ సాగులో మెళకువలు
24.03.2022	చేమదుంప సాగులో యాజమాన్య పద్ధతులు
25.03.2022	వాతావరణ సూచనలు; మార్చి మాసంలో సుగంధ ద్రవ్య పంటల నందు చేపట్టవలసిన పనులు మరియు సూచనలు; కూరగాయల మొక్కలైన తోటకూర, పాలకూర, కొత్తిమీర, మునగ సాగులో మెళకువలు
26.03.2022	మార్చి మాసంలో వివిధ పూల తోటల నందు చేపట్టవలసిన పనులు మరియు సూచనలు; సపోట మరియు కొకో సాగులో మెళకువలు
28.03.2022	చీని, నిమ్మ సాగులో మెళకువలు
29.03.2022	వాతావరణ సూచనలు; మార్చి మాసంలో వివిధ పండ్ల తోటల నందు చేపట్టవలసిన పనులు మరియు సూచనలు
30.03.2022	వట్టివేరు, తులసి, పుడీనా, పచ్చొలి మరియు కంద సాగులో మెళకువలు
31.03.2022	గోరుచిక్కుడు , చిలగడదుంప, పెండలం మరియు కంద 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 second fortnight of March, 2022.

Date	Topic	Scientist Name
21.03.22	ఆయిల్ పామ్ సాగులో మేలైన యాజమాన్యం	Dr.M.Tirupati Reddy, Principal Scientist & Head, HRS, Vijayarai
25.03.22	చౌడు నేలలో పండించు ఉద్యాన వస పంటలు - తీసుకోవాల్సిన జాగ్రత్తలు	Sri P.Rajashekhar, Scientist, KVK, Pandirimamidi

28.03.22

వేసవిలో టమాట సాగు మరియు తెగుళ్ళ యాజమాన్యం

Dr.T.Nagalakshmi, Senior Scientist,  
HRS, Venkataramannagudem

## General

### Meetings

Dr.K.Swarajya Lakshmi, Professor (Hort.) participated in National Seminar on "Energy efficiency improvement opportunities in dairy and food processing industry" at College of Dairy Technology, SVVU, Tirupati, on 24 March 2022.

### HRD

P Raja Sekhar, Scientist (SS&AC), KVK, Pandirimamidi has participated and completed ICAR sponsored 21 days winter school training programme on Application of Remote Sensing and GIS in Land Resource Management for Sustainable Agriculture during 2<sup>nd</sup> to 22<sup>nd</sup> March, 2022 at National Bureau of Soil Survey & Land Use Planning, Regional Centre, Kolkata, West Bengal. Total 25 trainees from various states of India have participated in this training programme.



### Visits

On 22 March 2022, Final year B.Sc. Horticulture and Agriculture students from Hindu College, Guntur visited Horticultural Research Station, Ambajipeta as a part of educational exposure. The Scientists explained in detail about various biocontrol technologies for the pest and disease management, Hybridization and coconut based cropping systems.



As a part of educational tour, final year B. Sc. (Hons.) Horticulture students of Kadiri Babu Rao College of Horticulture, CS Puram, Prakasam District visited the instructional farms, Laboratories, Horti Business Incubation Centre and Central Laboratory at College of Horticulture, Venkataramannagudem. Dr. M. Madhavi, Associate Dean interacted with the students.

On 29 March 2022, Third year students of SVBR Agricultural College, Badvel have visited HRS, Anantharajupeta as a part of exposure visit. Dr. Sarath Kumar Reddy, Scientist (PI Phy) and Sri. G. Sandeep Naik, Scientist (PI. Path) explained about research activities at the station.



On 26 March 2022, Dr. B.M.K. Reddy, Chairman, AP State Biodiversity Board had visited HRS, Anantharajupeta and interacted with the scientific staff of HRS, Anantharajupeta followed by a lecture on Importance of Biodiversity to students and staff of HRS and CoH, Anantharajupeta.

Dr. D.Veera Suresh, Scientist, SKLTSHU, Rajendranagar has visited HRS, Peddapuram on 31 March 2022 and collected 21 varieties of sweet potato and three varieties of cassava.

Dr. G.Ramanandam, Dr.M.Ravindra Kumar, Dr. C.S.Kishore Kumar from HRS, Kovvur has visited HRS, Peddapuram on 31 March 2022 and Dr. C.S.Kishore Kumar has surveyed and collected nematode affected tuber and soil samples.



Students of B.Sc. (Agriculture), College of Agriculture, Bapatla, ANGRAU visited Mango Research Station & Scientists has explained about the research activities on 23 March 2022.

K. Latha Priya, B.Sc. (Agriculture), ELP student from Lovely professional university, Ludhiana, Punjab, Dr. K. Suryanarayana, Professor of Agronomy (Retd.) from Penugonda, West Godavari district and Sri. P. Ganapathi Raju, an entrepreneur from Nallajerla, West Godavari District visited PHTRS on 21, 23 & 28 March, 2022 respectively. Dr. B. Babu Rao, Scientist (Horticulture) demonstrated about the functioning of fruit sorting & grading line, cold storage chamber, ripening chamber and preparation of different value added products at fruits and vegetables processing unit.



### Publications

G Razia Sulthana Begum, BG Rajulu, T Rajasekharam, Ch. Ruth and B Tanuja Priya. (2022). Survey on dry-root rot incidence in acid lime in Nellore and Kadapa districts of Andhra Pradesh and identification of major dry-root rot causing pathogen in acid lime. The Pharma Innovation Journal; SP-11(3): 1241-1243



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