



Dr YSRHU e-Newsletter

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



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Dr YSRHU e-Newsletter

1-15 September 2021



Fortnight Focus

- The Events
- Education
- Research
- Extension
- General



From Vice-Chancellor's Desk

Dr.YSRHU SIGNS MOU WITH TTD

Dr.YSR Horticultural University (Dr.YSRHU) has made a remarkable achievement by signing Memorandum of Understanding (MoU) with Tirumala Tirupathi Devasthanams (TTD) on 13 September 2021 for establishment of training centre for making value addition to worshipped flowers at Citrus Research Station (CRS), Tirupati.

TTD and Dr.YSRHU have agreed to coordinate and develop value added products from the worshipped flowers by establishing "Training Centre for Making Value Addition to Worshipped Flowers" at Dr.YSRHU-Citrus Research Station, Tirupati, Chittoor district. The training centre provides hands on training to women & youth for creating value addition to worshipped flowers.

TTD has agreed to provide worshipped flowers from its temples and financial support to Dr.YSRHU, which will provide technical assistance for implementing project.

30/9/21
Dr T.Janakiram
 Vice-Chancellor

The Events

MoU with Tiruma Tirupati Devasthanam, Tirupati

Dr.Y.S.R.Horticultural University has entered into Memorandum of Understanding (MoU) with Tirumala Tirupati Devasthanams (TTD) on 13 September 2021 for Establishment of Training Centre for Making Value Addition to Worshipped Flowers at CRS, Tirupati. Sri Y.V. Subba Reddy garu, Chairman, TTD and Dr. T.Janakiram, Hon'ble Vice-Chancellor, Dr.YSRHU have exchanged MoU in the presence of Dr.K.S. Jawahar Reddy, IAS, Executive officer, TTD, Dr.V.Padmanabha Reddy, Vice-Chancellor, SVVU, Tirupati, Smt S.Bhargavi, IAS, JEO, TTD, Dr.B.Srinivasulu, Director of Extension, Dr.YSRHU, Dr.K.Gopal, Registrar, Dr.YSRHU and Dr.Ramana Prasad Rapuri, Dep. E.O (G), TTD. Dr.R.Nagaraju, Principal Scientist & Head, CRS, Tirupati co-ordinated the programme.



Coconut Mela

Dr.YSRHU-HRS, Ambajipeta has conducted "Coconut Mela" on 14 September 2021 to commemorate the concluding function of Dr. YSRHU Year of Coconut 2020-21. In this programme Sri Kondeti Chitti Babu garu, MLA, P.Gannavaram has chaired the programme. The Hon'ble Minister, Sri Kurasala Kannababu garu, Minister for Agriculture & Co-operation was the chief guest and Sri Pinipe Viswaroop garu, Minister for Social Welfare; Smt. Chinta Anuradha garu, Member of Parliament; Sri MVS. Nagireddy garu, Vice-Chairman of A.P.State Agriculture Mission; Sri Rapaka Varaprasad garu, Member of legislative Assembly, Razole; Dr.T.Janakiram, Hon'ble Vice Chancellor, Dr.YSRHU; Dr. S.S. Sreedhar, Commissioner of Horticulture; Dr. RVSK. Reddy, Director of Research, Dr.YSRHU, Dr. B. Srinivasulu, Director of Extension, Dr.YSRHU; Sri C. Hari Kiran, IAS, District Collector & District Magistrate, Smt. Reshmi, Deputy director, Coconut Development Board and farmers have participated. In this programme, the publications viz., 1) Souvenir (6 decades of Glorious Journey - HRS, Ambajipeta), 2) కొబ్బరి పరిశోధనలో ఆరు దశాబ్దాల ఘన చరిత్ర రైతుల విజయ గాథలు 3) Dr.YSRHU Year of Coconut 2020-21 4) Posters for RBKs 5) Dr.YSRHU NRI Sponsoring Admissions 6) Dr.YSRHU-Dr.YSR RBK : Dr.YSRHU Udyana Bandhu app were released. Dr.B.V.K.Bhagawan, Principal Scientist & Head, HRS, Ambajipeta co-ordinated the programme.



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Education

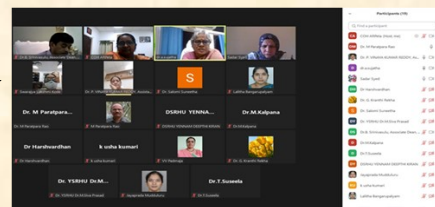
Teacher's Day Celebrations

“Teacher’s day” was celebrated by the students and staff of College of Horticulture, Anantharajupeta on 5 September 2021. Floral tributes were offered to the great teacher and first Vice President of India, Dr.SarvepalliRadha Krishnan on the occasion of 134th birth anniversary. All the UG, PG & PhD students honoured teachers on this occasion.



Virtual Meeting with Dean PG Studies

The Associate Dean and all faculty members of College of Horticulture, Anantharajupeta, participated in Virtual Meeting organized by Dr. A. Sujatha, Dean PG studies, Dr.YSRHU, on 13 September 2021 at 3.00PM. Thesis new guidelines and PG academic related matters were explained.



Research

World Coconut Day

On 2 September 2021, Scientists of Horticultural Research Station, Ambajipeta celebrated World Coconut Day in collaboration with Krishivala Farmer Producer Company Ltd., Ambajipeta. Further Dr. V. Govardhan Rao, Scientist (Pl.Path) conducted awareness campaign on Black Scorch disease of coconut to RBK staff of Kothapeta Mandal and also suggested the precautionary measures.



On 15 September 2021, 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) accompanied Dr. S.S.Sridhar, IFS, Commissioner of Horticulture to the field visit to Nellivariapeta (H) Billakurru (V) Kothapeta (M) and discussed about the unusual death of coconut palms. Dr. V.Govardhan Rao, Scientist (Pl.Path) explained about the progress of the investigation on the unusual death of coconut palm and also conveyed the remedial measures that are suggested to prevent the spread of the disease *i.e.* by crown pouring of chemical fungicide @ 2ml/lit at 15 days interval for three times. In this programme DDH, ADH, HO & VHAs, Sarpanch and farmers have attended.

Extension Activities

Vice-Chancellor to Village Activities

At Gram Panchayath Office in adopted village a farmers meeting was conducted on 9 September 2021. Dr.M.Ramaiah, Professor (Entomology), CoH, Anantharajupeta explained about plant protection measures to be taken in mango. He also explained about the importance of Vermicompost. Dr.Ch Ruth Professor, Plant Pathology explained about plant protection measures against diseases of mango and banana. Dr.K.Swarajya Lakshmi, Professor (Horticulture) explained about soil test results obtained for the soil and irrigation water samples collected and test reports were distributed to the farmers, through Panchayath Secretary.



Dr.K.Swarajya Lakshmi, explained about the new crops viz. Red tamarind variety released by the university "AnanthaRudhira", and new fruit crop Dragon fruit & its nutritional value. Later distributed the tamarind and Dragon fruit plants to the farmers through Panchayath Secretary.

Dr.K.Uma Maheswari, Senior Scientist (H), and Dr. M.Kavitha, Senior Scientist (Plant pathology), CRS, Petlur conducted training programme on 8 September 2021 on "Production technology, integrated pest & disease management in acid lime" at adopted village G.K.Palli. The RBK staff, sachivalayam staff and TVS staff also participated in the programme.



Dr. BKM lakshmi, Principal Scientist and Head, Dr.R.Rajyalakshmi, Principal Scientist (Hort.) and Dr. G.Sravanthi, Scientist (Entomology), Mango Research Station, Nuzvid, organised Vice Chancellor to Village programme and highlighted the importance of Integrated Nutrient Management (use of organic manures, green manures and micronutrients) and water management to get good yields in mango gardens of adopted village "Tukkkuluru" on 3.9.2021.

Dr.E.Karunasree, Principal Scientist & Head, and Dr.A. Devivara-prasad Reddy, Scientist, KVK, VRGudem has visited the follow up visit to the integrated farming systems developed by KVK at Ravigudem Village, Buttaigudem mandal on 3 September 2021 under Vice-chancellor to village programme. Suggested the farmer for the enhancement and sustainability of poultry and duckery unit by keeping the eggs in the incubator and also placing the hatching hapa in the fish pond for laying of improved common carp fish seed.



On 7 September 2021, an awareness programme was conducted on “Disease prevention and Vaccination in Poultry” at Siddavaram village of Venkatagiri mandal. Dr.B.Govinda Rajulu, KVK, Periyavaram explained the farmers about the advantages of rearing Rajasri poultry breed as backyard poultry as compared to native Aseel for better growth and egg productivity. Dr.P.Manjari, Scientist, Veterinary Science, KVK, Periyavaram explained about the common diseases of poultry that leads to morbidity and mortality in backyard poultry birds. Dr.S.Kishore Kumar, VAS, Paravolu explained about the management, preventive measures and vaccination programme conducted by Animal Husbandry Dept. for control of viral diseases of poultry. Later, the farmers were distributed with Tetracycline packets to encourage the famers to incorporate preventive measures for disease control in their poultry birds. The programme was coordinated in association with TVS-SST NGO, Venkatagiri.



Mana Gramam – Mana Poshana Thota

KVK, Venkataramannagudem has initiated a program on community nutri-garden model “Mana Gramam – Mana Poshana Thota” for empowering the tribal farmers on importance and awareness of role kitchen garden for elevating the nutritional security and livelihood in East Rekulakunta village of Buttai-gudem mandal on 3 September 2021. Distributed the kitchen garden seeds, vegetable seedlings and essential material for maintaining community kitchen garden. The program was coordinated by Dr.E.KarunaSree, Principal Scientist & Head, and Dr.A.Devivaraprasad Reddy, Scientist, KVK, VRGudem.



Method Demonstrations

Dr. V. Deepthi, Scientist (Agri. Extn.) KVK,Venkataramannagudem has conducted method demonstration on usage of liquid bio fertilizers in blackgram. Also conducted the rhizobium seed treatment method demonstration in black gram. Later under cluster frontline demonstration programme, distributed the critical inputs like black gram seed,liquid bio fertilizers, herbicide, multi k, pesticides, yellow & blue sticky traps, pheromone traps to Nelaturu farmers, chagallu mandal on 7 September 2021.



Dr. E. KarunaSree Principal Scientist and Head KVK, Venkataramannagudem conducted method demonstration on preparation of Coconut Value added products by using Millets, Coconut, Cocoa, pumpkin seeds, sesamum on 13 September 2021 at Horticulture Processing and Skill Training Centre. Products viz: Coconut-Multi grain cookies, Coconut-Setariabiscuits, Coconut-Ragi salt cookies, Coconut-Cocoa biscuits, Coconut chikki, Coconut Cocoa dark chocolates, Coconut- milk chocolates, Coconut Chilli Spice mix and Coconut rice powder were prepared. The products were well accepted by the consumers as a per the organoleptic evaluation. Products were also displayed in the Coconut Mela conducted by Horticultural Research Station, Ambajipeta on 14.09.2021.

Frontline Demonstrations

On 7 September 2021, Dr. K. Mallikarjunarao, Research associate (Horticulture), KVK, Periyavaram visited acid lime orchard in the adopted village Siddavaram, Venkatagiri Mandal as part of FLD programme on “Demonstration of crop regulation in Acid lime for higher yields” and created awareness on importance of Cycocel usage followed by distribution of the Cycocel and its spraying in selected plot.



On 1 September 2021, Dr. B. Sravani conducted an FLD on Demonstration of improved varieties of Backyard poultry Sreenidhi, Vanasree and Gaghus in agency area at KVK, Pandirimamidi where 41 farmers were distributed with one unit (10 birds) of improved varieties per farmer of Vootla, Bandapalli and Sirigin-dalapaadu villages.

On 6 September 2021, KVK, Pandirimamidi has interacted with tribal women farmers (SHGs) of Marrivada village and provided improved poultry birds of Ghaghus breed as part of frontline demonstration on Integrated Farming System in Tribal Area of East Godavari district.



On 2 September 2021, K. Prasadhu, Research Associate (Plant Protection) Dr. Srividya Rani.N, Scientist (Extension) and Head and Dr. V. Yugandhar, Research Associate, (Horticulture), from KVK, Vonipenta, provided Arka Abhed tomato seeds at Vonipenta village of Mydukur mandal. The Scientist explained the importance and advantages of var.Arka Abhed which is tolerant to diseases like tomato leaf curl, early blight, late blight and bacterial wilt.

On 02.09.2021, Dr. S. Lavanya, Research Associate (Livestock production) and Dr. Srividya Rani, N, Scientist & Head, KVK, Vonipenta provided Rajasri poultry breeds under FLD on “Assessment on performance of Rajashree poultry breed as dual purpose backyard poultry” for the farmers of Adireddy palli and Ganjikunta villages of Mydukur mandal. In this programme NABARD Manager, Mr. B. Vijaya vihari attended the programme as chief guest. A total of 20 farmers were provided with Rajasri birds.



On 04.09.2021, Dr. V.Yugandhar, Research Associate (Horticulture), Krishi Vigyan Kendra, Vonipenta had visited Acid lime fields for follow up under FLD on Demonstration on flower regulation in Acid lime at Ponnampalli village of Mylavaram mandal. During the visit scientist explained about spraying of Gibberellic acid, Cycocel and Potassium Nitrate for flower regulation and getting higher yields in summer crop followed by demonstration on spraying of Cycocel @ 1000 ppm on acid lime plants.

On 08.09.2021, Dr. S. Lavanya, Research Associate (Livestock production) and KVK staff had visited Rajasri poultry breeds under FLD on “Assessment on performance of Rajashree poultry breeds as dual purpose backyard poultry” for follow up at Adireddy palli village of Mydukur mandal. The scientist explained the rearing practices of rajasri chicks and given information on locally available feed ingredients like broken rice, wheat grain, and rice bran need to be given for chicks.



Training Programmes

Conducted skill training on Grafting in Jamun at HPT, Kalikiri on 9 September 2021 to 1st year Diploma students. They were trained on pre-curing and soft wood grafting. The students were allowed to practise grafting in Jamun.



Dr. G.Sravanthi, Scientist (Entomology), Mango Research Station, Nuzvid, participated in Agri Advisory Board Meeting at district level organized by Department of Agriculture in coordination with ATMA to highlight and discuss the importance of crops grown in the region, effect of climate change, marketing strategies and problems faced by farmers in the region along with ADA, ADH, AO's , VAA's, VHA's and farmers on 6

September 2021.

On 04.09.2021 Sri. G. ShaliRaju, Scientist (Ento.) and Dr.V.Deepthi. Scientist (Agrl. Extension) KVK, V.R.Gudem Conducted Training Programme on Integrated Pest and Disease Management in Cashew at Kamaihkunta Village, Buttaigudem-Mandal and explained about Pest and Disease Management Practices in Cashew.



On 4 September 2021, KVK, Venkataramannagudem has organized one day training programme on integrated nutrient management in paddy and cotton to tribal farmers of Seethappagudem village. In this programme Sri Raju, MPDO, Buttayyagudem has participated & distributed the liquid bio fertilizers, Neem soap, multi-k and Agromin max to tribal farmers. Dr.V.Deepthi, Scientist (Agri. Extn.) and Sri G shaliraju, Scientist (Entomology) has coordinated the programme.

On 7 September 2021, KVK, Venkataramannagudem organized one day training programme on “Improved pulse production technology in black gram” at Chagallu. Dr.V.Deepthi, Scientist (Agri. Extn.) coordinated the programme.



Dr.K.Uma Maheswari, Sr.Scientist(H), participated in a training program as resource person conducted by Department of Horticulture, on "Mamidilo komma kathirimpulu mariyu eruvula yajamaanyam" at Atthalapalem, Naidupeta along with filed visit on 1 September 2021 and demonstrated the procedure of pruning in mango orchards.



Dr.K.Uma Maheswari, Sr.Scientist (H), CRS, Petlur participated in a training program as resource person conducted by Department of Horticulture, on "Sankarajaathi kooragaayala saagulo melakuvalapai sikhshana karyakramam" at Bangarampeta, Naidupeta on 1 September 2021. Addressed the farmers on improved production technologies in vegetable cultivation.

Dr.K.Uma Maheswari, Sr.Scientist(H), Citrus Research Station, Petlur participated in a training program as resource person conducted by Department of Horticulture, on "Mamidilo komma kathirimpulu mariyu eruvula yajamaanyam" at Chittedu, Kota(M) on 02-09-2021.



Dr.K.Uma Maheswari, Sr.Scientist(H), Citrus Research Station, Petlur participated in a training program as resource person conducted by Department of Horticulture, on "Mamidilo komma kathirimpulu mariyu eruvula yajamaanyam" at Kadivedu, Chillakur(M) on 2 September 2021.

Dr.L.Ranjith Kumar, Scientist (Entomology) of Citrus Research Station, Petlur attended training Programme as a resource person and briefed about Integrated pest Management in fruit and Vegetable crops to AMC members and farmers of Venkatagiri, Balayapalli and Dakkili mandals organized by Department of Agriculture, Venkatagiri at AMC office on 9 September 2021. The training programme was attended by JDA, ADA, AO and farmers.



On 3 September 2021, a training programme on "Installation of Drip irrigation system in fruit crops" was conducted to 1st year Diploma students at HPT, Kalikiri. Mr.Ramesh, Drip expert from Reddy Drip Irrigation, Kalikiri explained the method of installation of drip irrigation system and their different types. He also explained about installation of mainline, sub-line, laterals and drippers, water discharge capacity, cleaning of filters and drippers, operation of gate valves, advantages and disadvantages of drip irrigation system. Dr.C.N.Byanna, Principal, Dr.K.Mallikarjun, Horticulturist, Sri.M.Eswar Naik, Entomologist and students have participated in this training programme.

On 4.09.2021 KVK Venkataramannagudem has organized one day training programme on integrated crop management in cowpea, black gram & jowar to tribal farmers of Ravigudem, East rekulakunta and Seethappagudem. Distributed the cowpea, blackgram and jowar seed under tribal sub plan (TSP). This programme was coordinated by Dr. V. Deepthi, Scientist (Agri. Extn.) and Sri G shaliraju, Scientist (Ento).



KVK, Venkataramannagudem has conducted the Capacity development training program to the staff of RBKs in Bhimadolu Division on 8 September 2021. In this program, Dr.E.Karuna Sree, Principal Scientist & Head explained about the FPO formation

guidelines and importance. Dr.A.Devivaraprasad Reddy, Scientist has explained about fisheries based integrated farming systems and Dr.K. Venkata Subbaiah, Scientist has explained about the importance of processing of fruits and vegetables and preparation of value added products.

On 15 September 2021, KVK, V.R.Gudem conducted training cum exposure visit to Input dealers of West Godavari District under DAESI (Diploma in Agriculture Extension Services for Input Dealers) Programme and explained about Pest and Disease Management in Coconut. Later conducted visit to Bio fertilizer unit, Skill training & Processing Unit, Mushroom Production unit and Honey Processing Unit and Various Demonstration Units of KVK, V.R.Gudem. Sri. G. Shali Raju, Scientist (Ento.) coordinated the programme.



On-campus training programme was conducted on 1 September 2021 on “Scientific rearing practices of Backyard Poultry” by Dr.P.Manjari, Scientist, Veterinary Science, KVK, Periyavaram. In this programme, the practicing farmers and farm women were acknowledged about housing, feeding and disease management of backyard poultry for better growth and more returns from poultry rearing. They were also acknowledged about improved backyard poultry breeds. Dr.S.Rasool, ADAH, Venkatagiri explained about the advantages of rearing Rajasree breed of dual purpose breed as backyard poultry over rearing native Aseel breed. Later, one month old Rajasree chicks were distributed to the beneficiaries from Siddavaram adopted village under VC to village programme and also under SC-SP programme to SC farmers.

On 02.09.2021 Sri.G. Shali Raju, Scientist (Ento.), KVK, V.R.Gudem attended as a resource person for the training programme on Scientific Beekeeping organised by KVK, Ghantasala, ANGRAU and explained about Bee Pasturage, Pollination and Bee Products, Role of Beekeeping in Pollination of various crops and Preparation and use of honeybee colonies for pollination in Agricultural and Horticultural Crops.

On 1 September 2021, Dr.B.Vijayasree, Research Associate (Home Science) attended as resource Person to the Poshan Maah – 2021 programme organised at ICDS –Rapur Project level at MPDO office, Rapur and Child Development Project Officer (CDPO), Venkatagiri. The participants are provided with awareness on importance of different food groups available in a balanced diet, importance of Moringa and Millets to prevent nutritional deficiencies and malnutrition among women and children. Enlightened on the establishment of Nutrigardens, Terrace gardens to get organic vegetables, nutritious fruits like Pa-paya, Guava, Acid lime and inclusion of diversified vegetables and fruits to prevent micro nutrient deficiencies in rural areas.



On 6 September 2021, Dr. K. Mallikarjunarao, Research associate (Horticulture), KVK, Periyavaram, attended as resource person to training program on “Scientific cultivation and management practices of Colocasia” at RBK-Kurjagunta vil-lage, Venkatagiri mandal which was organized by Department of Horticulture, SPSR Nellore district. Explained about important features of improved varieties, tuber treatment, nutrient management, weed management, water scheduling (benefits of drip irrigation), mulching, IPM, bio-intensive management for taro leaf blight and other cultivation practices to be followed for getting good quality and high tuber yield along with storage of Colocasia seed material. In this program Horticultural officer, RBK staff and more than 20 taro farmers have participated.

On 6 September 2021, Dr. K. Mallikarjunarao, Research associate (Horticulture), KVK, Periyavaram and Shri. E. Anandh, HO, Venkatagiri conducted awareness programme on “Best manage-ment practices and harvesting of Colocasia” at Boppapuram vil-lage, Venkatagiri mandal. Explained about management of taro leaf blight, manuring and fertilizer application, water and weed management, IPM, storage of colocasia seed material and other cultivation practices and addressed the problems raised by taro farmers.



On 9 September 2021, Dr.B.Vijayasree, Research Associate (Home Science) attended as resource person to the National Nutrition Mission (Poshan Maah – 2021) organised at Government Childrens Home (Balasadanam) Venkatagiri. Created awareness on importance of different food groups available in a balanced diet, importance of Moringa and Millets to prevent nutritional deficiencies among women and children. Enlightened on the establish-ment of Nutrigardens, Terrace gardens to get organic vegetables and fruits. Provided training on different value added products with millets and moringa leaf and explained the nutritional bene-fits.

On 1 September 2021 KVK, Pandirimamidi has conducted a training programme on “Management and rearing of improved varieties of poultry birds”. 40 farmers from Vootla, Bandapalli, Sirigindalapaadu and Vadapalli villages attended the training programme co-ordinated by Dr. B. Sravani, Research Associate (Veterinary Science). Dr. Lalitha Kameswari, Principal scientist and head and other scientists of KVK, Pandirimamidi addressed about the importance of rearing backyard poultry.



On 3 September 2021, a training programme was conducted at KVK, Pandirimamidi on “Seasonal and Feeding management of Livestock”. A total of 20 farmers of sirigindalapaadu and marvivaada villages attended the training programme. Information about the feeding management, housing, diseases during various seasons and the management of different livestock was addressed

by Dr. B. Sravani, Research Associate (Veterinary Science).

On 7 September 2021, KVK, Pandirimamidi conducted on-campus training programme on “Production and Use of Organic Manures” to rural women and youth of Maredumilli mandal. Dr. P.Lalitha Kameswari, Principal Scientist & Head interacted with trainees on scope and importance of organic farming. Different types of organic manures and their field application, vermicompost production technology were explained to the trainees in detail and created awareness on mushroom cultivation, cashew processing etc. P Raja Sekhar, Scientist (SS&AC) and Dr. N.Chiranjivi, Research Associate (Pathology) coordinated this programme. Total 32 rural women farmers and representatives from Laya NGO have participated.



On 2 September 2021, KVK, Vonipenta conducted on campus training programme on “Scientific rearing of backyard poultry” to the farmers at KVK, Vonipenta. The Scientist explained about Rajasri breed which is a new variety and quite suitable for backyard poultry farming as it is hardy, attractive with multi-coloured plumage, capable of self propagation, have good body confirmation with capacity to escape from predators, a good scavenger

and less susceptible to diseases. In this programme Mr. B. Vijaya vihari, Manager (NABARD) explained the NABARD schemes and importance of backyard poultry rearing to the farmers. Dr. S. Lavanya, Research Associate (Livestock production), Dr. Srividya Rani, N, Scientist & Head coordinated the programme.

On 4 September 2021, Dr. V. Yugandhar, Research Associate (Horticulture), KVK, Vonipenta conducted off campus training programme on “Integrated crop management in Chilli” at Thorivemula village of Mylavaram mandal. During the programme Scientist explained about varieties, cultivation practices, soil test-based fertilizer management through fertigation, pest and disease management in Chilli.



On 8 September 2021, Dr. S Lavanya, Research Associate (Livestock production) and K. Prasindhu Research Associate (Plant pathology), KVK, Vonipenta participated in off campus training programme on Poshanmaah at anganwadi center, Adireddy palli, Mydukur mandal. Scientists explained about the importance of nutritious food, healthy diet plan and nutritive values of eggs and meat.



On 9 September 2021, Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta, attended as a resource person for certificate Course on Integrated Nutrient Management (CCINM) at KVK, Utukur. The scientist explained the importance of available forms of different plant nutrients and related fertilizers (Classification of fertilizers – Straight and Multinutrient fertilizers) with percentage of nutrients.

Diagnostic Visits

Dr.Ch.Ruth, Professor (Pl.Path.), Dr.K.Arunodayam, Asst.Prof. (Pl.Path.), CoH, Anantharajupeta visited onion fields in Kuruguntlapalli village, Obulavaripalli (M) on 1 September 2021. Identified purple leaf blotch, *Colletotrichum* twister blight and thrips incidence and suggested spraying of Fipronil @ 2g. + Chlorothalonil @ 2g. per litre of water for management.



Dr.Ch.Ruth, Dr. K. Swarajyalakshmi, Dr. M. Ramaiah, College of Horticulture, Anantharajupeta visited Mango fields in adopted village, Venkataredipalli, (Kodur (M) on 09-09-2021, Identified the symptoms of leaf cutting weevils, red rust symptoms in the field of Sri. K. Subramanyam Raju. & suggested spraying of Profenophos 2ml/ L + Neem oil 3 ml/L. once in a month and field sanitization. Observed nematode damage in banana fields, swollen roots of a banana plant that fell down. Suggested to apply neem cake 250g per plant or carbofuron granules 25-30g./plant. Bio control agent *Pseudomonas fluorescens* @ 10g per plant also can be applied.

Dr. BKM Lakshmi, Principal Scientist and Head and Dr. G.Sravanthi, Scientist (Entomology), Mango Research Station, Nuzvid visited Coccinia fields in Leelanagar cross road on 8 September 2021 and suggested to spray Hexaconazole @ 2ml/L or Sulphur @ 3g./L to control powdery mildew and COC @3g./L to control leaf spots.



Dr.R.Rajyalakshmi, Principal Scientist (Hort.) visited mango gardens in Reddygudem and advised farmers about integrated nutrient management practices on 14 September 2021



On 3 September 2021, Dr. K. Mallikarjunarao, Research associate (Horticulture), KVK, Periyavaram made a visit to acid lime orchards at Mannegunta village, Venkatagiri Mandal. Enlightened about nutrient management, water management, mulching, IDM and crop regulation practices. Identified dry root rot and suggested suitable remedial measures.



On 4 September 2021, Dr. K Mallikarjunarao, Research Associate (Horticulture) KVK, Periyavaram visited chilli field at Bangarupeta village of Venkatagiri mandal. Observed upward curling of leaves and suggested to spray fipronil @2ml/l or diafenthiuron @1.5g/l for the control of insect vectors.

On 13 September 2021 Dr.B.Govinda Rajulu, Principal Scientist and Head, KVK-Periyavaram conducted diagnostic field visit to acid lime orchard in sydadulapalli Village, Rapur Mandal . Identified dry root rot and suggested to apply 10kg of T. viride mixture/plant (1 kg of T.viride + 100 kg FYM + neem cake 10kg) for an effective management of dry root rot.



On 04.09.2021, Dr. V. Yugandhar, Research Associate (Horticulture) from Krishi Vigyan Kendra, Vonipenta visited sweet orange fields for diagnosis of pests, diseases and nutrient deficiency at Narjampalli village of Mylavaram mandal. Identified Iron and Zinc deficiency and suggested for foliar application of zinc sulphate @ 0.5% + ferrous sulphate @ 0.2% twice at ten days interval.

On 13 September 2021, Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta visited Turmeric and Banana fields at Musalinayanapalli and T.Kothapalli villages of Mydukur mandal. Identified Sigatoka leaf spot in banana and suggested the application of mancozeb @0.25 gm along with mineral oil to prevent the spread of diseases. Identified Iron deficiency in turmeric and suggested spraying of Iron sulphate @ 2 gm per lit for correcting the deficiency.



On 13 September 2021, Dr. V. Nagarjuna, Research Associate (Soil Science), Dr. V. Yugandhar, R.A (Horticulture) and K Prasindu, R.A (Plant Pathology), KVK, Vonipenta visited guava fields at Bhumayapalli village of Mydukur mandal. Identified Magnesium deficiency in guava and suggested foliar application of Mg_2SO_4 @ 2 gm /lit for correcting the deficiency.



Dr. E. KarunaSree Principal Scientist and Head, KVK, Venkataramanagudem along with the committee members Dr. A. Ananada-Rao Principal Scientist and Head, BRS, Venkataramannagudem, Dr. Manorama Principal Scientist (Agronomy) and Dr. A. Ashok Senior Scientist (Horticulture), HRS, Venkataramanagudem have visited the field of Sri. GaddeSathish Organic farmer's field at

Nachugunta Village of UnguturMandal to enumerate the field conditions and activities that are taken up by the farmer as a part of organic cultivation practices in coconut, maize and animal husbandry on 8 September 2021.

On 1 September 2021, Dr. K. Mallikarjunarao, Research associate (Horticulture), KVK, Periyavaram made a visit to ridge gourd field at Vellikallu village of Dakkali Mandal. Observed serpentine leaf miner and suggested to spray profenofos @2ml/l and enlightened about the IPM technologies for cucurbits.



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 September (3-4 PM).

Date	Topics
01.09.2021	అరటిని ఆశించే తెగుళ్ళ యాజమాన్యం డా.ఎ.న్నేహలతరాణి , శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, కొవ్వూరు
02.09.2021	పాలిహౌస్ లో కూరగాయల సాగు డా.ఎం.రవీంద్రబాబు, సీనియర్ శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం
03.09.2021	దానిమ్మలో పాటించవలసిన సమగ్ర సస్యరక్షణ డా.కె.సుబ్రహ్మణ్యం, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, మహానంది
04.09.2021	చేపలు మరియు రొయ్యలలో వచ్చే వ్యాధి నివారణ డా.ఎ.దేవివరప్రసాద్ రెడ్డి, శాస్త్రవేత్త, కె.వి.కె, వెంకటరామన్నగూడెం
06.09.2021	చీని, నిమ్మ మొక్కల ఎంపికలో జాగ్రత్తలు డా.ఆర్.నాగరాజు, ప్రధాన శాస్త్రవేత్త & హెడ్, చీని, నిమ్మ పరిశోధన స్థానం, తిరుపతి
07.09.2021	చామంతి పూల సాగులో మెళకువలు డా.డి.శ్రీధర్, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, అనంతరాజుపేట
08.09.2021	కొబ్బరిలో సమగ్ర సస్యరక్షణ డా.వి.గోవర్ధన్, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, అంబాజీపేట

Date	Topics
09.09.2021	మామిడిలో పురుగుల యాజమాన్యం డా.జి.స్రవంతి, శాస్త్రవేత్త, మామిడి పరిశోధన స్థానం, నూజివీడు
13.09.2021	బత్తాయిలో పోషక లోపాలు వాటి యాజమాన్యం డా.ఎం.కవిత, సీనియర్ శాస్త్రవేత్త, చీని, నిమ్మ పరిశోధన స్థానం, పెట్లూర్
14.09.2021	దూడల యాజమాన్యం డా.పి.మంజరి, శాస్త్రవేత్త, కె.వి.కె, పెరియవరం
15.09.2021	సమస్యాత్మక నేలల యాజమాన్యం శ్రీ.పి.రాజశేఖర్, శాస్త్రవేత్త, 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 August, 2021.

Date	Topics
01.09.2021	సెప్టెంబర్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేయవలసిన పనులు మరియు సూచనలు
02.09.2021	సెప్టెంబర్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేయవలసిన పనులు మరియు సూచనలు
04.09.2021	రైతు ఉత్పత్తిదారుల సంస్థ
06.09.2021	సెప్టెంబర్ మాసంలో రాష్ట్రంలో వివిధ ఉద్యాన పంటలనందు చేయవలసిన పనులు మరియు సూచనలు
07.09.2021	నిమ్మ సాగులో మేలైన యాజమాన్య పద్ధతులు
08.09.2021	చేపల పెంపకానికి చేపల చెరువు తయారీ విధానం
09.09.2021	పుట్టగొడుగుల పెంపకం
13.09.2021	సీతాఫలం మరియు బంతి పూల సాగులో మెళకువలు
14.09.2021	తీగజాతి కూరగాయల సాగులో మెళకువలు
15.09.2021	కొబ్బరి 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 September, 2021.

Date	Topic	Scientist Name
06.09.2021	వంగ పంటలో సస్యరక్షణ పద్ధతులు	Dr.P.Suneetha, Scientist (Ento.), HRS ,V.R.Gudem
13.09.2021	టమాట పంటలో వచ్చే పురుగులు, తెగుళ్ళ యాజమాన్య పద్ధతులు	Dr.K.Sireesha Sr. Scientist (Entomology), HRS, Lam

General

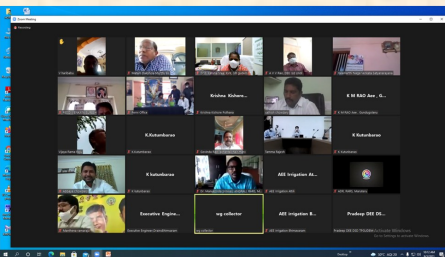
Meetings

Dr.B.Srinivasu, Associate Dean, College of Horticulture. Anantha-rajupeta, registered and attended for the webinar on “డానిమ్మలో పాస్తబహోర్పంట కోసం కత్తిరింపులు - కాపు నియంత్రణ”, on 6 September 2021 .



Scientists of CRS, Tirupati attended Monthly Meeting with Project Co-ordinator, ICAR-AICRP on Fruits on 8 September 2021 through virtual mode and discussed about various related aspects.

Dr. E. KarunaSree Principal Scientist and Head, KVK, Venkataamaangudem has participated in World Coconut Day celebrated by the Coconut Development Board on 02.09.2021. Sri.Narendra Singh Thomarji, Hon’ble Agriculture Minister, Government of India was the chief guest and enlightened about the importance of coconut in Indian economy and diet. Also attended technical session on Value addition to coconut.



On 3 September 2021, Dr.E.Karuna See, Principal Scientist and Head, KVK, V.R.Gudem and Sri. G. Shali Raju, Scientist (Ento.), KVK, V.R.Gudem attended District Level Agriculture Advisory Board meeting of West Godavari District in virtual mode. The Meeting was chaired by Shri.KartikkeyaMisra, IAS, Collector & District Magistrate, West Godavari District and District Incharge minister Sri PerniVenkataramaiah (PerniNani), Hon’ble Minister of Transport, I&PR, Govt of A.P.

On 4 September 2021, 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) participated in AICRP-Biological Control review meeting through virtual mode and presented the experimental status of Horticultural Research Station, Ambajipeta.

Visits

Crop Input dealers from Chittoor district under DAESI program, ATMA visited CRS, Tirupati on 8 September 2021 and latest production and protection technologies was shared by Dr. R. Nagraju, Principal Scientist (Horticulture), Dr. L. Mukundalakshmi, Senior Scientist (Horticulture) , Dr. D. Srinivasa Reddy, Senior Scientist (Ento) of CRS, Tirupati and Dr. B. Govindarajulu, Principal Scientist (Pl. Path) & Head, KVK, Periyavaram. Later visited field experimental blocks and nursery.



On 02.08.2021, Dr.B.M.K.Reddy, Chairman, Andhra Pradesh State Biodiversity Board visited KVK, Periyavaram and interacted with the farmers regarding the importance of biodiversity conservation. He emphasized that every person should stand responsible for conserving the purity of nature in order to ensure the health of future generations. He also emphasized on plantation of as many trees as possible specifically trees with medicinal and aesthetic value like moringa, jamun, etc. Later, he distributed one month old Rajasri birds to women farmers to encourage backyard poultry as income source to farm women.



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