Events

Ninth Inter Collegiate Sports, Games, Cultural & Literary Meet

Ninth Inter Collegiate Sports, Games, Cultural and Literary Meet was conducted at Dr.Y.S.R.Horticultural University campus from 13th to 15th December, 2019. All university officers participated in the inauguration of the meet. About 450 students from four constituent colleges as well as private colleges affiliated to Dr.YSRHU have participated in the meet (31 events). Sri. Chiranjiv Choudhary, IFS, Vice-Chancellor attended valedictory function and distributed prizes. Overall championship in Games, Sports and Cultural events was bagged by the students of CoH, Venkataramannagudem. The championship in Athletics was won by Ms. Jayalakshmi, CoH, Anantharajupeta under women category and Mr.Tavuriya Naik, CoH, Chinalataripi under Men category.
National Level Training Programme
A three day National Level Training programme on “Cocoa Production and Processing Technologies” sponsored by Directorate of Cashew nut and Cocoa Development, Cochin, Kerala under Mission for Integrated Development of Horticulture in Collaboration with Dr.YSR, Horticultural University was organised from 2nd to 4th December, 2019 at Horticultural Research Station, Venkataramannagudem. All the Scientists of HRS, Venkataramannagudem involved in organising this programme. A training manual on “Cocoa Production and Processing Technologies” was released on this occasion.

Dr.B.R.Ambedkar Vardhanthi
Dr.B.R.Ambedkar Vardhanthi was commemorated at Administrative office, all the constituent colleges, Research Stations and Krishi Vigyan Kendras of Dr.YSRHU on 06.12.2019.

Sri Potti Sreeramulu Vardhanthi
Sri Potti Sreeramulu vardhanthi was commemorated at Administrative office, all the constituent colleges, Research Stations and Krishi Vigyan Kendras of Dr.YSRHU on 15.12.2019.

Education

South India Educational Tour
A batch of (93 nos.) 4th year B.Sc (Hons) Horticulture students of CoH, Anantharajupeta went on an Educational tour to IIHR, Bengaluru, Hi tech Horticulture Unit of College of Agriculture, University of Agricultural Sciences, Dharwad, Central Coastal Agricultural Research Institute, Goa, CPCRI, Kasaragod, IISR, Kozhikode, CTCRI, Trivandrum, TNAU, Coimbatore, KAU, Vellayani etc. from 23.11.2019 to 05.12.2019. Dr. K. Swarajya Lakshmi, Professor (Hort.), Dr. K. Arunodayam, Asst. Professor (Pl. Path) accompanied the students. The students got exposed to various horticultural crops and also the research activities that are being conducted by all the institutes and research stations during the education tour.

Exposure Visits
A field visit to Jaggannapeta, Kadiyadda and Prakashraopalem villages for third year B.Sc (Hons.) Horticultural students of CoH, V.R.Gudem was organized on 06.12.2019, as a part of course curriculum of ASSC 3.9.2, Introduction to major field crops. The students studied the agronomic characters of different crops viz., ground nut, black gram, maize and sugarcane. They interacted with the farmers and noticed the gaps between recommended practices and farmers’ practices in cultivation of crops. Dr. K. Sasikala, Associate Professor (Agronomy) and Ms. Jagruti Mahapatra, Teaching associate (Agronomy) coordinated the programme.
An exposure visit to Centre of Excellence, Venkataramannagudem for third year BSC (Hons) Horticulture students was organized on 11.12.2019 as part of practical exposure for the course Precision farming and protected cultivation of vegetable crops. Dr.M.Ravindrababu Senior Scientist (Hort.), enlightened the students about hi tech nursery management, structural components of greenhouses and climate control systems, fertigation techniques and training and pruning of high value vegetables like capsicum and tomato. Dr.K.Usha Kumari Asstant professor (Hort.), CoH, Venkataramanangudem coordinated the programme.

**Guest Lecture**

Prof.Richard Lee, (Retd ) Professor, Department of Plant Pathology, University of Florida, USDA-ARS delivered a lecture on "Research on the Psyllid transmission of Candidatus Liberibacters" to the Post-graduate students of Horticulture Entomology and Plant Pathology on 10.12. 2019. Dr.K.Sesha Kiran, Asst Prof (Pl. Path.) coordinated the programme.

**Research**

Dr. T. Naga lakshmi (Pl. Path.) and Dr. Y. Sharath Kumar Reddy, Scientist (Pl. Path), HRS, Anantharajupeta visited banana farmers fields on 07.11.2019 in Anantharajupeta and Pullampeta villages and observed severe fruit damage due to water soaked lesions on immature and mature fruits on Amruthapani due to continuous rains. Microscopic studies revealed that *Curvularia* spp and other saprophytes were associated with the problem.

**Extension**

On 05.12.2019, “World Soil Day” was celebrated at all KVKs of Dr.YSRHU. Dr. B. Srinivasulu, Director of Extension attended as chief guest and addressed the farmers on importance of soil and also pointed out on importance of organic cultivation for preserving the soil for future generations at KVK, Venkataramannagudem. During the programme Soil health cards distributed to the beneficiary farmers.
Method Demonstrations
On 06.12.2019, Dr. V. Yugandhar, Research Associate (Hort.) and Sri.G. Sandeep Naik, Scientist, (Pl. Path.) & Head, KVK, Vonipenta conducted method demonstration on ‘Banana Bunch management techniques’ at Settivarippalli village of Mydukur mandal. Scientist has demonstrated different banana bunch management techniques like bunch sprayings, bagging bunches with sleeves, bunch feeding, covering with boot leaf etc for reducing sucking pest complex, fungal infection and physical injuries to bunches.

Training Programmes
One day training programme on “Udder health management in Dairy animals” was conducted for practicing dairy farmers to create awareness regarding hygienic practices to be followed while milking of dairy animals to prevent occurrence of udder diseases at KVK, on 09.12.2019. The farmers were also enlightened on the usage of Pre and Post dip antiseptic solutions for preventing mastitis and other ailments. Demonstrations were also given regarding the preparation of potassium permanganate solution and Surf Field Mastitis Test for early detection of sub-clinical mastitis in dairy animals. Dr.B.Govinda Rajulu, Principal Scientist and Head, Krishi Vigyan Kendra, Periyavaram distributed Urea Molasses Mineral Blocks to dairy farmers to potentiate immunity among the dairy animals. The programme was coordinated by Dr.P.Manjari, Scientist, Veterinary Science, KVK-Periyavaram.

Dr.D.Srinivas Reddy, Senior Scientist (Ento.), CRS, Tirupati attended as resource person for training on ‘Nut weevil management and package of practices in mango’ on 06.12.2019 at Nethakuppam village of Ramachandrapuram mandal, Chittoor district organized by Department of Horticulture.

A farmers meeting was organized at HRS, Anantharajupeta on 10.12.2019 under Sub plan under AICRP on Fruit and distributed maize/sesbania for border crop to the 25 papaya farmers under On Farm Demonstrations on “Integrated management of papaya diseases” in four villages of Kodur and Obulavari palle Divisions. Dr. M. Rama Krishna, Associate Dean, CoH attended as a chief guest, Dr. R. Nagaraju, Principal Scientist (Hort.) & Head, Sri. D. Sreedhar, Scientist (Hort.), Dr. T. Nagalakshmi (Pl. Pathology and Dr. Y. Sharath Kumar Reddy, Scientist (Pl. Physiology) and Renuka Prasad Horticulture Officer, Dept. of Horticulture, Kodur, attended and advised to follow the technology for integrated management papaya diseases.

On 04.12.2019, An off campus training programme on “Integrated crop management in Tomato” at Joukupalli Village of B.Matam mandal organized by KVK, Vonipenta. Explained about nursery management, seed treatment, varieties, trellising system of cultivation, fertilizer and water management, different pest and disease management and other cultural practices to be followed for getting good quality and higher yields in tomato. Dr. V. Yugandhar, Research Associate (Hort.) coordinated the programme.
On 06.12.2019, Dr. V. Nagarjuna, Research Associate (Soil Science), KVK, Vonipenta attended as a technical resource person to the farmers training programme conducted by ATMA and Department of Agriculture at Rajupalem mandal and explained the nutrient management in cotton, bengal gram and other major cultivated crops and also explained the importance of integrated nutrient management for sustainable yields.

On 09.12.2019 and 12.12.2019, KVK, Vonipenta conducted a training programme on 'Best management practices in chillies' to FPO farmers in collaboration with APRIGP- SERP at Mylavaram and Best management practices in tomato, papaya and mango respectively. Scientists explained about nursery management, best management practices for higher yields, fertilizer management, water management, pests and disease management and measures to minimize post harvest losses for better market price. Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head, Dr V. Nagarjuna, Research Associate (SSAC) and Dr. V. Yugandhar, Research Associate (Hort.) coordinated the programme.

On 13.12.2019, Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head, KVK, Vonipenta participated as technical resource person in a training programme on ‘Best management practices in Paddy’ at Pallavolu village of Chapadu mandal organized by ATMA. Explained about nursery management, fertilizer management, water management, pests and disease management. MAO, Chapadu, BTM, ATMA have participated in the programme.

Krishi Vigyan Kendra, Venkataramannagudem conducted two days district level skill oriented training program to rural women on “Value addition of minor millets” on 10.12.2019 and 11.12.2019 in coordination with SERP. Dr. B. Srinivasulu, Director of Extension attended valedictory function and addressed to women farmers. The training program was coordinated by Dr. E. Karuna Sree, Principal Scientist & Head, KVK, Venkataramannagudem.

Dr.R.Rajyalakshmi, Sr.Scientist (Hort.) & Head, MRS, Nuzvid attended a training programme as resource person on ‘Mango exports and post harvest management activities’ at Integrated Pack House, Nuzvid along with Assistant Director of Horticulture, APEDA and Horticultural officers on 13.12.2019.
Dr. M. Raja Naik, Assoicate Professor (Hort.), CoH, Anantharajupeta attended a training program as resource person on “Water, nutrient management and advanced plant protection aspects in mango during, after flowering and fruit setting” at Rly. Kodur, Y.S.R Dist. from 14.12.2019 to 15.12.2019 organized by M/s.Cromandel International Ltd. Kodur followed by a field visit at Mysoorivaripalli. Also interacted with the farmers pertaining to advanced plant production aspects of acid lime and turmeric.

**On Farm Trial**

On 13.12.2019, Sri Bhanumurthy K.C, Scientist, KVK, Pandiripamidi visited marigold var. Arka bangara-2 field under OFT i.e. Introduction of marigold var. Arka Bangara-2 in agency area. Crop is at flowering stage and suggested the farmer to go for micronutrient application for better yields.

On 05.12.2019, KVK, Vonipenta provided bunch sleeves and Sulphate of Potash to beneficiary farmers under “OFT: Demonstration of Bunch management in yield and quality of banana”. Scientist explained about the bunch management techniques and fertilizer management to be followed after bunch emergence. Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head and Dr. V. Yugandhar, Research Associate (Hort.) coordinated the programme.

On 10.12.2019 Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head, KVK, Vonipenta visited maize fields as followup at Mudireddipalii thanda village of Mydukur mandal. Scientist recorded FAW incidence in OFT field and farmer’s field and recorded moth catches in pheromone traps and provided Bt to the farmers. For spraying.

**Front Line Demonstrations**

On 03.12.2019, Dr. B. Srinivasulu, Director of Extension and Dr. P. Lalitha Kameswari, Sr. Scientist & Head, KVK, Pandiripamidi has provided 2 units of Osmanabadi goat to beneficiary farmers of DFI village i.e I.Polavaram of Rampachodavaram mandal under the component of TSP 2019-20 in order to implement front line demonstration on ‘Promotion of Osmanabad Goat Rearing in Agency Area of East Godavari District’. P. Raja Sekhar, Scientist (SS & AC) and Dr. S. Adarsha, Scientist (Ento.), Krishi Vigyan Kendra, Pandirimamidi coordinated the programme.

**Diagnostic Visits**

Dr. N.B.V.Chalapathi Rao, Principal Scientist (Ento.), HRS, Ambajipeta carried out diagnostic field visit to rugose white fly infested coconut plantations in Kalavalapalli village in West Godavari, Andhra Pradesh on 04.12.2019 and advised Spraying of *Isaria fumosorosea* against rugose spiraling whitefly.
On 02.12.2019, Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head and Dr. V. Yugandhar, Research Associate (Hort.), KVK, Vonipenta visited blackgram and sesame fields as a follow-up visit under FLD at Madirepalli village of Duvvur mandal. Observed maruca pod borer infestation, powdery mildew disease in blackgram and suggested to spray thiodicarb @ 0.1% or chlorantraniliprole @ 0.03% and myclobutanil @ 0.05% respectively. Also suggested to spray chlorpyriphos @ 0.25% against capsule borer and Carbendazim @ 0.1% or myclobutanil @ 0.05% against powdery mildew disease in sesame.

On 02.12.2019, Dr. V. Nagarjuna, Research Associate (Soil Science) and Dr.V. Yugandhar, Research Associate (Hort.), KVK, Vonipenta visited tomato fields for diagnosis of pest, disease incidence and nutrient deficiency at Mittamanu palli village of Mydukur mandal. Identified the blossom end rot in tomato and suggested to spray calcium nitrate @ 2 g/l in tomato.

On 06.12.2019, Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head and Dr. V. Yugandhar, Research Associate (Hort.), KVK, Vonipenta visited papaya fields for diagnosis of pests and diseases at Settivaripalli village of Mydukur mandal. Observed papaya ring spot virus disease and crop is at flowering to fruit formation stage and suggested to spray Urea 10gr + Zinc sulphate @ 1.5 g + Boran @ 1 g for increased fruit yield and quality in papaya.

On 11.12.2019, Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head and Dr.V.Yugandhar, Research Associate (Hort.), KVK, Vonipenta visited guava fields for diagnosis of pests and diseases at Vedurur village of Chapadu mandal. Observed fruit fly infestation and nematode infected plants and suggested to remove and destroy the infested fruits followed by installation of fruit fly traps @ 6-8/acre to control fruit fly infestation and application of carbofuran 3G @ 60 g/plant to control nematode infestation.

On 13.12.2019, Dr. V. Nagarjuna, Research Associate (Soil Science) and Dr.V. Yugandhar, Research Associate (Hort.), KVK, Vonipenta visited banana fields for diagnosis of pest, diseases and nutrient deficiency at Machugaripalli village of Mydukur mandal. Identified the sigatoka leaf spot in banana and suggested to spray propiconazole @ 0.1 % in banana.

Dr.N.B.V.Chalapathi Rao, Principal Scientist (Ento.) and D. Rakshit Roshan, Research Associate (Ento.), HRS, Ambajipeta carried out field diagnostic visit to Chikkala village West Godavari district for rugose Spiralling Whitefly incidence on 12.12.2019.
**General**

**Visits**

On 03.12.2019, Dr. B. Srinivasulu, Director of Extension, Dr.YSRHU, Dr. D.Manohara Prasad, Principal Scientist & Head, HRS, Pandirima-midi and Dr. D.Venkata Swami, University Librarian, Dr. YSRHU, V.R.Gudem has visited adopted villages along with scientists of Krishi Vigyan Kendra, Pandirimamidi. As part of visit, Dr. B. Srinivasulu, Director of Extension, Dr.YSRHU interacted with rubber growing farmers regarding the utilization of rubber tapping and processing equipments given by KVK, Pandirimamidi earlier under TSP-2017-18 and suggested the farmers to follow integrated farming systems for sustainability of income and also visited on-farm trial on paddy variety MTU-1153 (Chandra), Azolla units and custom hiring centre established at I.Polavaram village.

Farmers from Prakasam District visited, CoH, Anantharajupeta on 07.12.2019 and were taken to Post-harvest laboratory and interacted with Dr. M. Ramakrishna, Associate Dean, Dr. K. Swarajya Lakshmi, Prof (Hort.) and discussed about opportunities in establishment of horticulture processing units, in AP.

**Meetings**

Dr. M. RavindraBabu, Senior Scientist (Hort.), hrs, Venkataramannagudem participated and presented poster on “Studies on heterosis and tomato leaf curl virus (ToLCV) in tomato (Solanum lycopersicum L.)” in the National symposium on “Potential Crops for Food and Nutritional Security” on 14th and 15th December, 2019 at Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.

Dr. D. Srihari, Dean of Horticulture and Dr. R. Nagaraju, Principal Scientist (Hort.) & Head, HRS, Anantharajupeta along with State expert members visited AP-CARL, Pulivendula to study the feasibility in establishing Horticulture, Agriculture & Veterinary colleges on 05.12.2019 and discussed about infrastructure facilities and land availability etc.
Sri K.C. Bhanumurthy, Scientist (Hort.), KVK, Pandirimamidi and Dr. V.V. Padmaja, Asst. Professor (Pl. Phy), CoH, Anantharajupeta attended 21 days training programme on “Advances in Conservation and Utilization of Plant Genetic Resources in major flowers and ornamental plants” at Dept. of Floriculture and landscape architecture, College of Horticulture, GKV, Campus, Bengaluru from 20th Nov to 10th Dec, 2019.

Dr. K. Venkata Subbaiah, Scientist (Hort.), KVK, Venkataramannagudem, Dr. A. Harha Vardhan, Assistant professor (Hort.), CoH, Venkataramannagudem and Sri Ch.S Kishore Kumar, Scientist (Pl. Path.), HRS, Kovvur attended 21 days CAFT training program on “National Problems and constraints in fruit crops” from 14.11.2019 to 04.12.2019 organised by MPKV, Rahuri.

Dr. K. Sesha Kiran, Assistant Professor (Pl.Path), CoH, Venkataramannagudem attended workshop on “Phytoplasma detection and Taxonomy ” at National center for microbial resources-National center for cell Science, Pune in 2nd December, 2019.

Radio Programmes

Dr. G. Kranthi Rekha, Assistant Professor (Hort.), CoH, Venkataramannagudem attended recording on “Kakara lo Oushadha gunalu” at All India Radio, Vijayawada.