Events

**Academic Council Meeting**
24th Academic Council Meeting was conducted on 09.01.2020 at University Campus, Venkataramannagudem under the chairmanship of Sri Chiranjiv Choudhary, IFS, Vice-Chancellor, Dr.YSRHU & Commissioner of Horticulture. Dr.K.Gopal, Registrar & Member Secretary, Expert member, Dr.B.Satyanarayana Reddy, Retd. Director of Education, UHS, Bagalkot, Director of Research, UAHS, Shivamogga and Dr.S.K.Sarkar, Director of Research, Professor & Head (Fruits), BCKV, Krishi Viswavidyalaya, Mohanpur Dist. Nadia, West Bengal and other members of Academic Council gave their valuable inputs.

**Board of Faculty Meetings**
17th Board of Faculty of UG Studies meeting was conducted on 08.01.2020 at University Campus, Venkataramannagudem under the chairmanship of Dr.D.Srihari, Dean of Horticulture. All the members of UG Faculty Board gave their valuable inputs.

17th Board of Faculty of PG Studies meeting was conducted on 08.01.2020 at University Campus, Venkataramannagudem under the chairmanship of Dr.M. Lakshminarayana Reddy, Dean of PG Studies. Expert member Dr.A.Manohar Rao, Professor & University Head, Department of Horticulture, College of Agriculture, PJTSAU, Hyderabad, Dr.Ravindra Mulge, Dean, CoH, Halladkeri Farm, Bidar and other members of PG Faculty board gave their valuable inputs.
Exposure Visits

Dr. K. Usha Kumari, Assistant Professor (Hort.), Dr. M. Sanghamitra had organized an exposure visit to HRS, Kovvur, and Kadiyapulanka nurseries as a part of course nos. VGSC 221, FCLS-231 for Second B.Sc (Hons) Horticulture-AB batch students on 06.01.2020. At HRS Kovvur the students were shown different tuber crops grown in Godavari districts, varieties released from the research station and also explained about the ongoing research projects on tuber crops. The students were showed available plant material and different varieties in commercial flowers at Satyadeva Nursery, Kadiyam.

Dr. G. Kranthi Rekha, Assistant Professor (Hort.), CoH, Venkataramannagudem organized field visit to HRS, Peddapuram, and AICRP on tuber crops and Cassava processing industries. Students were shown different tuber crops, varieties of cassava and sweet potato as well as processing of sago.

Research

Scientists of HRS, Anantharajupeta observed 20 to 25 per cent of mango flowering in and around Railway Kodur mandal irrespective of the varieties. Different stages viz., bud burst stage to panicle emergence was noticed and among the varieties Pulihora (Lalbahar) put forth early flowering from second fortnight of December to first fortnight of January. Mango hopper, flower midge and powdery mildew were noticed.

Dr. N. Emmanuel, Associate Professor (Ento.) and M.Sc. (Ento.) students identified mango blossom gall midge (*Protocontarinia mangiferae*) adults emerging out of pupae from the samples obtained from Tuni. A minor pest now becomes a big threat in Tuni area.

Twenty days after release of *Dichochrya astur* predator in Rugose Spiralling Whitefly infested coconut gardens, 6 percent grub, 2 percent egg and 1 percent pupal stage natural recovery was observed where in no population of *Dichochrya astur* was recorded prior to the release of predator. The whitefly population dwindled to low with less than 3 spirals/leaflet in palms due to successful establishment of predator at Chikkala village of Kalavalapalli mandal in West Godavari district.

At Horticultural Research Station, Ambajipeta, a recovery of 78.14 percent of parasitized whitefly pupal was recorded at 10 days after the release of pupal parasitoid, *Encarsia guadeloupae* in an attempt to establish the parasitoid in the field infested with Rugose Spiralling Whitefly.
A training programme was conducted to the technical persons of M/s 3 F oilpalm on rearing of *Corcyra cephalonica* and *Dychochrysa astur* with an aim to multiply the parasitoid for distribution to oilpalm farmers to manage the pest, Rugose Spiralling Whitefly.

**Extension**

**Training Programmes**

On, 10.01.2020, KVK, Periyavaram conducted training programme on “Improved Vegetable Production by adoption of IPM, IDM & INM Practices” at KVK, Periyavaram for practicing farmers, Rural Youth and Farm women to acknowledge the farmers about improved varieties of vegetables and their management to improve productivity. Dr. B. Govinda Rajulu, Principal Scientist & Head, KVK, Periyavaram showed demonstration plots of Chilli (Hybrids - Ramba, Priyanka, PSS 995, JKHPH 1189, INDOM 5 and Varieties – Arka Haritha and Arka Meghana), Coriander (Late bolting variety), Radish (Long sissly variety) and Brinjal (local variety) maintained at KVK farm to the participants and discussed about their varietal characteristics. Ms. Y. Swarupa, Research Associate (Ento.) gave detailed presentation about production and protection aspects of vegetables and their management practices. Later group discussion was conducted about the requirement of new varieties and the problems encountered by vegetable growers.

On 08.01.2020, Sri K.C. Bhanumurthy, Scientist (Hort.), KVK, Pandirimamidi attended a training programme as resource person to VHA and VAA on ‘Cultivation of vegetable crops’ at Rajamahendravaram organized by Dept. of Agriculture, Rajahmundry. Smt. Santha Olive, A.O and 56 VHAs and VAAAs have participated.

On 07.01.2020 and 08.01.2020, KVK, Pandirimamidi conducted two Mandal level training programs on ‘Chilli production technology’ at Kunavaram and Yetapaka mandals respectively. Sri Srinivas Rao, APD, ITDA chintur participated as chief guest for the program. Crop Production, Pest and disease management and Post harvest technology in chilles were explained to the farmers as part of the program. Sri Sudhakar, APM Velugu-Kunavaram and 45 farmers participated in the program.

Dr. S. Adarsha Scientist (Ento.), Sri P. Raja Sekhar, Scientist (SS&AC) and N. Chiranjeevi, Research Associate (Pl. Path.) coordinated the programme.

On 09.1.2020, Sri G. Sandeep Naik, Scientist (Pl. Path.) & Head, KVK, Vonipenta participated in Farmers producers organization meeting at Vonipenta village of Mydukur mandal organized by NABARD and explained about the role of FPO in elimination of middle men and to get remunerative market price for farm produce.
Dr. R. Nagaraju, Principal Scientist (Hort) & Head, Dr. T. Naga Lakshmi, Scientist (Pl.Path), HRS, Anantharajupeta attended a meeting conducted by Department of Horticulture at Mittamedipalli (Vill), Rajampet (mandal) & Pullampeta on 04.01.2020 and visited Panama Wilt affected fields and discussed with farmers on various important Horticultural Operations to be carried out in banana and mango and explained about the control measures with regard to diseases and pests.

On 09.01.2020, KVK, Venkataramannagudem conducted training program on “Scientific management practices of sheep and goat rearing” to the farmers of Buttaigudem Mandal and distributed seven units of Nellore brown sheep and Osmanabadi goats under Attracting and Retaining Youth in Agriculture (ARYA) project. Dr. T. Vijaya Nirmala, Scientist (Veterinary Science) has coordinated the training program.

KVK, Venkataramannagudem conducted skill oriented training program from 07.01.2020 to 09.01.2020 on “Millet processing” to mandal level working group women at Gopalpuram, Dwarakatirumala and Venkataramannagudem. In this program they learnt and preparation of different value added products from millets. More than 60 farmers have participated. Dr. E. Karuna Sree, Principal Scientist & Head, KVK, Venkataramannagudem coordinated the programme.

Dr. E. Karuna Sree, Principal Scientist & Head, Dr. A. Devivaraprasad Reddy, Scientist, Dr. T. Vijaya Nirmala, Scientist, KVK, Venkataramannagudem has initiated the project on “Growth and performance of improved fish varieties i.e. Improved Catla, Jayanthi Rohu and Amur Common Carp” funded by the National Fisheries Development Board (NFDB). The fish seed brought from the National Fisheries Brood Bank (NFBB) Development Ceter, Orrisa was stocked on 10.01.2020 in the KVK instructional farm and farmer’s field.

**Method Demonstrations**

On 07.01.2020, Dr. V. Nagarjuna, Research Associate (SS & AC) and R. Suneetha, Research Associate (Home Science), KVK, Vonipenta visited chilli fields for conducting a method demonstration on preparation of Bio-fertilizers mixture at Obulavari palli and Mittamanu palli villages of Mydukur mandal. The scientists demonstrated the preparation of biofertilizer mixture with Azospirillum, PSB and KSB @ 2 Kg in 200 Kgs of FYM and also explained about the uses of bio fertilizers and precautions to be taken during the application of biofertilizers.

On 09.01.2020, R. Suneetha, Research Associate (Home Science), KVK, Vonipenta has visited Adireddipalli village and interacted with SHG women and conducted a method demonstration on preparation of value added products with tomato viz., tomato jam, mixed fruit jam, tomato sauce, soup and dehydrated tomato for and reuse in off season.
On 10.01.2020, P. Raja Sekhar, Scientist (SS&AC) and N. Chiranjeevi, Research Associate (Pl. Path) KVK, Pandirimamidi visited banana field under FLD on ‘Enhancement of Fruit Size and Quality in Banana’ at Pedageddada village of Rampachodavaram mandal and monitored the scheduled sprayings of micro nutrients (Arka Banana Special) @ 5 g/l. Scientists observed skipper caterpillar and sigatoka leaf spot in banana and shoot and fruit borer in brinjal. For management of skipper caterpillar and sigatoka leaf spot in banana recommended chlorpyrifos @ 2 ml/l and propiconazole @ 1 ml/l respectively. To manage brinjal fruit and shoot borer chlorpyrifos @ 2 ml/l was recommended.

On 02.01.2020, Dr. V. Nagarjuna, Research Associate (SS & AC), KVK, Vonipenta has Conducted a follow-up visit for FLD on ‘Soil test based fertilizer application in papaya at Aravetipalli village of Muddanur mandal and distributed the micronutrient mixture to the beneficiary farmers. Suggested to spray acephate @ 1.5 g/l and installation of yellow sticky traps @ 12-15 per acre for controlling the insect vector in papaya.

On 09.1.2020, Sri G. Sandeep Naik, Scientist & Head, KVK, Vonipenta has attended to cutting experiment in blackgram field cultivated under FLD “Demonstration of MYMV resistant blackgram variety TBG- 104” at Madirepalli village of Duvvur mandal and suggested the farmers to store the produce for seed purpose in triple layer hermetic bags. Recorded seed yield of 6.2 kgs in 25 sq mt area. The CC experiment was conducted in both TBG- 104 and PU- 31 fields.

Diagnostic Visits

On 02.01.2020, Sri Bhanumurthy K.C, Scientist (Hort.), KVK, Pandirimamidi visited marigold field at Damanapalli village of Devipatnam mandal. Crop is at flowering and harvesting stage, observed leaf spot and flower blight infection and suggested farmers to go for application of mancozeb @ 2g/l or mancozeb + carbendazim @ 2g/l.

On 07.01.2020, Sri Bhanumurthy K.C, Scientist (Hort.), KVK, Pandirimamidi visited cashew orchard at Gangavaram village of Gangavaram mandal. Crop is 2 years old at new flush initiation stage, observed leaf folder infestation and suggested profenophos @ 2ml/l for its management.

On 10.01.2020, Sri Bhanumurthy K.C, Scientist (Hort.), KVK, Pandirimamidi visited chilli field at Nandigama village of Yetapaka mandal. Crop is at flowering and fruiting stage, observed wilt infection and suggested control measures to farmers.
On 08.01.2020 Dr. S. Adarsha Scientist (Ento.) and N. Chiranjeevi, Research Associate (Pl. Path.), KVK, Pandiriamamidi visited jasmine and bhendi fields. Observed powdery mildew in bhendi crop and recommended for application of wettable sulphur 3g/l and also suggested to go for pruning in jasmine crop.

On 07.01.2020, Dr.M.Kavitha, Senior Scientist (Pl. Path.) and Dr.M.G.Bala Hussaini, Senior Scientist (Hort.). CRS, Petlur visited acid lime and chilli fields at Sydapuram and Podalakuru Mandals. In acid lime leaf, miner infestation was severe and suggested to spray thiomethaxam 0.1% along with neem oil (3ml/l). In chilli, the crop was majorly affected by *Choenophora* blight due prolonged to cloudy weather and showers, dew formation and high humidity in air. Suggested to spray Pyraclostrobin 20% WG (1gm/l) or Azoxystrobin 23% SC 0.5 ml/l.

Dr.D.Srinivas Reddy, Senior Scientist (Ento), CRS, Tirupati attended as a member of special Joint Survey with regard to Cotton leaf worm *Spodoptera littoralis* on cut flowers conduction of systematic surveillance on 07.01.2020 along with the proposed team by CIPMC, Vijayawada at Anantapuramu.

On 04.01.2020, Sri G. Sandeep Naik, Scientist (Pl Path) & Head, KVK, Vonipenta along with HO, Mylavaram have visited chilli fields for diagnosis of pests and diseases at Gollapalli village of Mylavaram mandal. Observed powdery mildew and upward curling of leaves. Suggested to spray myclobutanil @ 0.05% against powdery mildew disease and dimethoate @ 0.2% or difenthiuron @ 0.15% to control disease transmitting vectors.

On 03.01.2020, Sri.G.Shali Raju, Scientist (Ento.), KVK, Venkataramannagudem conducted diagnostic visit to the rugose spiralling whitefly infested guava orchards and suggested installation of yellow sticky traps, foliar application of azadirachtin 10,000 ppm @ 1 ml/l or neem oil 0.5% along with detergent powder @ 10 g/l or starch powder @ 10 g/l to remove sooty mould. Release of parasitoids, *Encarsia guadeloupae* and foliar application of *Isaria fumosorosea* @ 1x 10^{8} ( 5 g/l) along with sticker was suggested against the pest.

On 06.01.2020, Dr. K. Venkata Subbaiah, KVK, Venkataramannagudem visited chrysanthemum field and found the bacterial wilt problem. Suggested to drench the soil with bleaching powder @2-3gper lit of water and after one week of drenching spray with streptomycin @ 2.5g per 10l of water for better management of the problem.
Visits

On 07.1.2020, Sri S. Raghurami Reddy garu, Hon’ble MLA, Mydukur has visited KVK, Vonipenta. Sri G.Sandep Naik, Scientist & Head has explained about the mandated activities of KVK and developmental activities taken up at KVK, Vonipenta. Hon’ble MLA interacted with the technical staff of KVK, Vonipenta and also appreciated the activities taken up by staff of KVK, Vonipenta.

On 09.01.2020, DAESI trainees of East Godavari district visited KVK, Pandirimamidi for exposure cum awareness visit. Sri Bhanu murthy K.C, Scientist (Hort.) coordinated the program and addressed the farmers on scope of cashew cultivation. Explained about nursery management, importance of grafts over seedlings, seasonal management of T-Mosquito bug and Blossom blight and processing in cashew. Facilitators, DAESI program and 42 trainees have participated.

9th Class students and Staff from Bhashyam English Medium High School, Ranipeta, Venkatagiri, SPSR Nellore dt. visited Citrus Research Station, Petlur on 02.01.2020. Dr.C.Madumathi, Principal Scientist (Hort.) & Head and Dr.M.G.Bala Hussaini, Senior Scientist (Hort.) explained about ongoing projects, different crops and briefed about the nursery activities in both acid lime and sweet orange to the students.

On 03.01.2020, 50 Polytechnic college students from RARS, Maruteru visited KVK, Venkataramannagudem. In this visit Dr. K. Venkata Subbaiah, Scientist (Hort.) explained the different demonstrations of KVK like Azolla unit, vermicompost unit, poultry unit, goat and sheep unit, Carp hatchery unit, Horticulture nursery, improved vegetable production units etc. Dr. R.V.S.K.Reddy, Director of Research delivered a brief lecture on introduction to Horticulture and its importance in self employment generation for youth and also interacted with the students.

Meetings

On 03.01.2020, KVK, Periyavaram organized an exhibition stall and participated in a meeting conducted on the occasion of Flengingo Festival-2020 at Sullurpeta, SPSR Nellore dist. Dr.B.Govinda Rajulu, Principal Scientist & Head, KVK, Periyavaram showcased various products and pamphlets of KVK and enlightened the farmers regarding various activities of KVK taken up for the upliftment of the farmers of Nellore district.
Sri.G.Shali Raju, Scientist (Ento.), KVK, Venkataramannagudem attended "Farmers science congress" on 6th Jan, 2020 at GVK, University of Agricultural Sciences, Bangaluru along with Innovative farmer Sri. Neerukonda Satyanarayana, Dommeru village, West Godavari district on the eve of 107th Indian Science Congress from 3rd – 7th January, at UAS, Bengaluru and presented poster and oral presentation on “Cultivation of multiple crops in organic farming” and received certificate of appreciation from Dr.S.Rajendra Prasad, Hon’ble Vice Chancellor, UAS, Bangalore.

**Phone-in-Live Programmes**

Dr.K.Ravindra Kumar, Scientist(Hort.), HRS, Kovvur attended Phone-in-Live programme on ‘Vesavikalamlo arati thotalalo chepattavalasina yajamanya paddathulu’ at Doordarshan Kendra, Vijayawada on 06.01.2020.

**Publications**


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