Fortnight Focus

- Events
- Education
- Research
- Extension
- General

Events

Tree Plantation Drive

‘Tree Plantation Drive’ was organised at all Krishi Vigyan Kendras of Dr.YSRHU on 17.09.2019. As per the instructions of the director, ATARI, Zone-X, saplings of fruit and forest plants were distributed to individual farmers in the operational areas of KVKs and also tree plantation was taken up in schools, KVK premises as well as road side avenue plantations. A total of 5000 samplings of different types of plants were distributed at all the respective KVKs.
RHWEP Activities

Final year B.Sc (Hons,) Horticulture students from CoH, Venkataramannagudem visited HRS, Ambajipeta on 18.09.2019 as a part of their RHWEP. Dr.N.B.V.Chalapathi Rao, Principal Scientist (Ento.) explained about surrogate host Corcyra rearing for bioagents multiplication.

Final year B.Sc.(Hons.) Horticulture students from CoH, Anantharajupeta visited CRS, Petlur on 23.09.2019 as a part of their RHWEP. Scientists from different disciplines briefed about the research station activities, production and protection technologies and ongoing experiments on acid lime.

Anti Ragging Awareness Programme

An ‘Anti Ragging Awareness camp’ was organized at CoH, Parvathipuram on 17.09.2019. Mr. Y. Simhachalam, S.I. of Police, Garugubilli mandal and A. Dasrdh, C.I. of Police, Parvathipuram explained about different punishments in the AP Ragging Act, 1997. Dr. A. Sujatha, Dean of Student Affairs & Chairman of University Level Anti-Ragging Committee and Dr. D. Sri Hari, Dean of Horticulture & Member of University Level Anti-Ragging Committee have participated as chief guests and administered a pledge of anti ragging with 125 students. Dr. A. Hima Bindu, Assistant Professor,(Hort.), and Officer in-charge of Student Activities coordinated the programme.

An awareness programme on Anti-Ragging was organised at CoH, Venkataramannagudem on 25.09.2019. Shri Navdeep Singh Grewal IPS, Superindent of Police, West Godavari dist. addressed the meeting as a resource person. Dr.D.Srihari, Dean of Horticulture, Dr.K. Uma Jyothi, Associate Dean, CoH, V.R.Gudem, College staff and students have participated in the programme.

NSS Activities

To commemorate the Golden Jubilee celebrations of the NSS Day, Aroucarea saplings were planted by the Chief Guest of the function, Dr. K. Gopal, Registrar, Dr. YSRHU along with Dr. M. Ramakrishna, Associate Dean, COH, Anantharajupeta and NSS volunteers of the college on 24.09.2019.

Dr. B. Prasanna Kumar, Associate Dean, College of Horticulture, Parvathipuram enlightened the students about NSS activities during Golden Jubilee Celebrations of NSS day on 24.09.2019. Prizes were distributed to the winners in running, shot put and elocution competitions conducted during Golden Jubilee Celebrations of NSS day.
Scientists of HRS, Venkataramannagudem recorded a new leaf spot on *Parietaria officinalis* (Vernacular name: Edhu mutthi dumpa) caused by *Corynespora* sp at Herbal Garden, Horticultural Research Station, Venkatarammanagudem.

Incidences of leaf blight disease were observed for the first time in Andhra Pradesh and *Lasiodiplodia theobromae* (Pat.) Griffon & Maubl. (Family: *Botryosphaeriaceae*) was isolated from infested coconut palms in coconut gardens of Jangareddygudem, West Godavari district, Adurru, Pulletikurru and Ravuthulapadu villages of East Godavari district.

Dr. B. Srinivasulu, Principal Scientist (Hort.) and Head, Dr. P. Deepthi, Scientist (Pl. Path.) and Smt. B. Vimala, Scientist (Hort.) HRS, Anantapuramu visited dragon fruit farmer fields at Kuruganipalli (V), Narpala (M) Anantapuramu on 26.09.2019. Observed stem lesions on Pitahaya (Dragon fruit) caused by *Botryosphaeria dothidea* and symptoms on fruit caused by fungus *Alternaria* sp and *Colletotrichum* sp. Advised to spray 0.5% Bordeaux mixture or Chlorothalonil@ 2 gm/l or Hexaconazole @ 2ml/l.

**Dr.YSRHU – SERF FPOs Trainings under MoU**

Krishi Vigyan Kendra, Venkataramannagudem, Dr. YSRHU in collaboration with SERP conducted one day Mandal level training program to FPO Vegetable farmers on ‘Improved cultivation and IPM practices in Vegetable cultivation’ on 18.09.2019. Scientists explained about selection of variety, nursery, improved practices and IPM practices in vegetable cultivation. Dr. K. Venkata Subbaiah, Scientist (Hort.) and Sri. G. Shali Raju, Scientist (Ento.) coordinated the programme. About 40 vegetable farmers have participated in the programme.
KVK, Periyavaram conducted two mandal level training programmes on ‘Production technology of Banana, Tomato and Mango’ in coordination with SERP at Tavanampalli village of Chittoor dist on 18.09.2019. Dr. T.Rajasekharam, Scientist (Pl. Path.), CRS, Tirupati and Dr. D.Sreedhar, Scientist, (Hort.), HRS, Anantarajupeta attended as resource persons. Ms. S.M.Sailaja, Research Associate (Hort.), KVK, Periyavaram coordinated the programme.

HRS, Mahanandhi conducted one day training programme on ‘Chilli’ under SERP at RHTI, Kurnool on 18.09.2019. Dr.B.Srinivasulu, Director of Extension attended as chief guest and interacted with trainees. Dr.K.Subramanyam, Principal Scientist, HRS, Mahanandi, Dr.B.Sreenivasulu, Principal Scientist, HRS, Ananthapuramu, Sri Pulla eddy, JDH & PD, APMIP, officials of SERP and Department of Horticulture have also attended training programme as resource persons.

Training Programmes

KVK, Venkataramannagudem conducted seven days STRY training program on “Value addition of Milk” in coordination with ATMA, Eluru from 23.09.2019 to 29.09.2019. The trainees have learnt both theoretically and practically about processing, preservation of milk and preparation of various milk products. Dr.B.Srinivasulu, Director of Extension attended as chief guest and interacted with the trainees about the milk products preparation, feedback of this training program and suggested to trainees to take up milk products preparation as a small scale livelihood enterprise. Sri. B.Chandranaik, Project Director, Agricultural Technology Management Agency (ATMA), Eluru, Sri B.V. Hari, Deputy Project Director, ATMA, Eluru, Sri. J.Venkata Rao, ADA, State Agricultural Management Extension and Training Institute (SAMETI), Guntur, Scientists of KVK have also participated. A book entitled “Pala vupa mariyu viluva aadharitha vutpattu” was released and also distributed certificates to the trainees. This program was coordinated by Dr.T.Vijaya Nirmala, Scientist (Veterinary Science).

Dr.T.Rajasekharam, Scientist (Pl. Path.), CRS, Tirupati attended a training programme as resource person on ‘Production and Protection technology-Tomato and Banana’ at Baireddipalle, Chittoor district on 18.09.2019.

Dr.D.Srinivasa Reddy, Senior Scientist (Ento.), CRS, Tirupati attended a training programme as resource person on ‘Pest management in papaya’ on 28.09.2019 at RHTI, Chittoor organized by Department of Horticulture.

Dr. B. Srinivasulu, Principal Scientist (Hort.) & Head, HRS, Anantapuramu attended farmers training programme on ‘Chilli Production Technology’ as resource person at Govindawada (V), Bommanahal (M), Anantapuramu organized by Department of Horticulture, Anantapuramu on 21.09.2019.
KVK, Venkataramannagudem conducted training programme on ‘Integrated crop management in cotton and black gram’ in the Dibbagudem village of Jeelugumilli mandal on 21.09.19. Dr.V.Deepthi, Scientist (Agricultural Extension) explained the package of practices and pest and disease management aspects in cotton and black gram. Method demonstration was conducted on stem application with imadacloprid in cotton and seed treatment in black gram. Critical inputs and blackgram seed TBG-104 were distributed to the farmers under tribal sub plan.

Dr.N.B.V.Chalapathi Rao, Principal Scientist (Ento.), HRS, Ambajipeta attended a training programme on ‘Replanting & Rejuvenation scheme on coconut’ at Dangeru (V) of Gangavarm (M) organized by the Department of Horticulture on 21.09.2019 and explained about the protection measures to be taken during Replanting of coconut under R&R scheme and created awareness on Rugose spiralling whitefly and its control measures to the farmers. About 50 farmers attended the meeting.

Dr. B.V.K. Bhagavan, Principal Scientist (Hort.), HRS, Ambajipeta participated in a meeting on ‘Tribal sub Plan’ at ITDA, K.R.Puram of West Godavari district on area expansion of fruit crops like banana, citrus, guava, mango on 30.09.2019.

On 19.09.2019, G. Sandeep Naik, Scientist (Pl. Path.) & Head, KVK, Vonipenta participated in ATMA- BFAC meeting at Proddatur and explained about the cultivation practices, pests and disease management in blackgram, sesame, maize, redgram, greengram and bengalgram to the farmers. ADA, MAO, BTM (ATMA) and other committee members have participated.

On 21.09.2019, KVK, Vonipenta conducted off campus training programme on “Safe use of Pesticides” at Kristam palli village of Duvvur mandal and explained about the precautions to be taken while purchase of pesticides, storage, handling, preparation of spray solution, selection of equipments, application of spray solution, after spray operation and usage of protective clothing. Sri. G. Sandeep Naik, Scientist (Pl. Path) & Head and Dr.V.Yugandhar, Research Associate (Hort.) have coordinated the programme.

Diagnostic Visits
On 24.09.2019 Dr. S.Adarsha, Scientist (Ento.), KVK, Pandirima-midi conducted follow up visit to blackgram TBG 104 fields at Kunduluru village of V.R.Puram mandal. Observed leaf folder infestation and suggested to spray neem oil @5ml/l water. Provided critical inputs to the selected beneficiaries.
On 24.09.2019, Sri G. Sandeep Naik, Scientist (Pl. Path) & Head, KVK, Vonipenta visited onion fields for diagnosis of pests and diseases at Pendlimarri village of Porumamilla mandal. Identified root grub incidence and suggested to apply carbofuran 3G @ 10 kg per acre.

On 24.09.2019, Sri G. Sandeep Naik, Scientist (Pl. Path) & Head, KVK, Vonipenta visited turmeric and onion fields for diagnosis of pests and diseases at Madirepalli village of Duvvur mandal. Identified micronutrient deficiency in turmeric and suggested to spray micronutrient mixture @ 0.5% twice in 15 days and also identified leaf spot disease in onion and suggested to spray carbendazim @ 0.1% or Mancozeb @ 0.25%.

On 24.09.2019, Dr. V. Yugandhar, Research Associate (Hort.), KVK, Vonipenta visited turmeric and tomato fields for diagnosis of pests and diseases at Yeramballi and Mydukur villages of Mydukur mandal respectively. Observed leaf spot and micronutrient deficiency in turmeric fields and serpentine leaf miner damage in tomato and suggested the control measures.

**General Visits**

Dr. R.V.S.K. Reddy, Director of Research & Dr. K.T. Venkataramana, Zonal Research Head, Rayalaseema zone visited CRS, Petlur on 20.09.2019 and conducted technical review meeting with the scientists and discussed about progress in ongoing experiments of different departments and visited experimental plots.
Dr. R.V.S.K. Reddy, Director of Research, Dr. K. Gopal, Registrar and Dr. A. Sujatha, Dean of Student Affairs visited CRS, Tirupati on 20.09.2019, 25.09.2019 and 26.09.2019 respectively to review the progress of research work, station activities and the entomology technical programme of work respectively.

Fifteen Students of Agricultural Polytechnic College, Rampachodavaram visited HRS, Peddapuram on 18.09.2019 and Smt. A. Pavani Priyanka, Technical Assistant has explained the production technology of cassava and sweet potato.

Dr. G.K. Seetharam, Professor, College of Horticulture, UHS (Bengaluru) along with P.G students (7 nos.) and Sri Ravi Kanth, Assistant Professor, NIT, Tadepalligudem visited PHTRS, Venkataramanangudem on 18.09.2019 and 30.09.2019 respectively. Dr. B. Babu Rao, Research Associate explained about the functioning of fruit sorting and grading machinery, ripening chamber, cold storage and pre-cooling facility at integrated pack house unit.

Dr. D. Sri Hari, Dean of Horticulture and Dr. A. Sujatha, Dean of Student Affairs visited CoH, Parvathipuram on 18.09.2019. As apart of NSS activity both have planted coconut hybrids in the college premises and visited Entomology laboratory and ELP Module- Processing of Fruits and Vegetables for Value Addition of 2016 admitted batch at PHT laboratory of CoH, Parvathipuram.

Dr. A. Sujatha, Dean of Student Affairs visited College of Horticulture, Anantharajupeta on 26.09.2019. Inspected the college and interacted with 1st year students (2019 admitted batch) and planted Araucaria saplings as the part of NSS day celebrations.

First and Second year Intermediate Students of Kings Vocational Junior College, Amalapuram and diploma students (36 nos.) of Agriculture Polytechnic, ANGRAU, Rampachodavaram visited HRS, Ambajipeta on 18.09.2019 and were briefed about the ongoing research activities by the scientists on different aspects of crop improvement, production, identification of pests and diseases in coconut and their management and multiplication of bio-control agents.
Third year B.Sc (BZC) students of D.K. Govt. College for Women, Nellore along with staff visited CoH, Anantharajupeta on 21.09.2019 as part of Educational Tour. Smt.G. Tanuja Sivaram, Asst. Professor (Hort.), Dr. N.C. Mamatha, TA, Dr. S. Firroz Hussain, TA, Dr. K. Ravi Kumar, TA and Swamy Sekhar, TA explained them about the activities on the campus followed by a field visit to the college farm and to the Central Laboratory.

On 25.09.2019, First year and Second year BZC students of Ideal Degree College, Kakinada visited KVK, Pandirimamidi and observed various activities of KVK viz., cashew grafting, beekeeping and vermicomposting etc., Dr. P.C.Vengaiah Scientist (FST) explained about activities of HRS, Pandirimamidi and palmyrah processing plant. Dr. S.Adarsha, Scientist (Ento.), KVK, Pandirimamidi coordinated the visit. About 60 students and two faculty members of Ideal Degree College, Kakinada have participated in the program.

**HRD**

Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram and Dr.G.Kranthi Rekha, Assistant Professor (Hort.), CoH, Venkataramannagudem participated in 21 days training programme on “Recent Advances in Comparative Genomics of Plant Genetic Resources for Trait Dissection and Utilization in Solanaceous Crops” held at UHS Campus, GKVK, Bengaluru organized by UHS, Bagalkot from 5th – 25th September, 2019.

**Meetings**

Dr. K.Ravindra Kumar, Scientist (Hort.), HRS, Kovvur participated in the meeting on ‘Exports of Banana’ and to finalize the training modules of Banana to banana growers’ on 23.09.2019 at National Horticulture Board, Gurugram.

Dr.N.Emmanuel, Assisatant Professor (Ento.), CoH, Venkataramannagudem attended Training of Trainers [ToT] workshop on ‘Development of soft skills for Entrepreneurs among Agri Graduates’ on 17th and 18th September, 2019 at NAARM, Hyderabad.
Swachhata hi Sewa

KVK, Periyavaram conducted Cleanliness drive at Tarakarama Krida Pranganamu, Railway Station, Premises of KVK office and Vishvodaya Government Degree College, Venkatagiri as a part of “Shramadaan for Swachhata” theme of Swachhata hi Sewa campaign on 22.09.2019, 23.05.2019, 25.09.2019 and 27.09.2019 respectively. Dr.K.Gopal, Registrar attended the programme as a chief guest on 25.09.2019 and distributed Jackfruit trees to women farmers with the aim of promoting greenery and environment protection. Dr.M.Ramakrishna, Associate Dean, CoH, Anantharajupeta and Dr.Sharada Jayalakshmi, Professor & Head, Plant Pathology, S.V.Agricultural College, Tirupati attended the programme as guests. Dr.B.Govinda Rajulu, Principal Scientist & Head coordinated the programme.

From 11.09.2019 to 30.09.2019, KVK, Vonipenta organized Swachchtha hi Seva programme with the theme of 'Ban of Single use plastic' in adopted villages and schools to create awareness among the farmers, students and public on harmful effects of plastic and ban of single use plastic.

Phone-in-Live Programmes

Dr.K.Ravindra Kumar, Scientist (Hort.), HRS, Kovvur attended Phone-in-Live programme on ‘Sithakalamlo poola thotala yajamanyam’ at Doordarshan Kendra, Vijayawada on 16.09.2019.


Radio Programmes

Dr.L.Ranjith Kumar, Scientist (Ento.), CRS, Petlur attended recording at All India Radio, Vijayawada on 17.09.219 on ‘Nimma tholalalo samagra sasarakshana padhathulu’ which was broadcasted on 19.09.2019.

Publications