



Dr YSRHU e-Newsletter

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



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Dr YSRHU e-Newsletter

16-30 September 2023



Fortnight Focus

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From Vice- Chancellor's Desk

The Horticultural and allied sectors play a crucial role in the economic well-being of nations across the globe. Technology driven innovations that promise increased productivity, sustainability, and economic growth in this sector are the need of the hour. The efficient dissemination of these innovations among farmers and stakeholders is essential. In this context, extension methodologies are undergoing a transformation to adapt to the changing landscape of Indian farming and allied sectors.

Traditional extension services primarily involved one-way communication from experts to farmers, often constrained by geographical and resource limitations. However, with the emergence of new technologies and evolving communication channels, extension methodologies have been revitalized.

Dr. YSRHU, in its commitment to enhance Horticulture and allied sector development, operating through four Krishi Vigyana Kendras (KVK), 20 Research stations, 9 Colleges and 11 Polytechnics in the forefront for employing modern extension methodologies to effectively disseminate the latest technologies developed by the university. One key component of their approach is the utilization of Information and Communication Technologies (ICTs) to provide timely advisories to farmers through smart phones, ensuring that crucial information on crop management, weather baled advisories, pest control and market updates promptly. Additionally, Dr. YSRHU has developed and deployed mobile apps, such as Udyana Bhandhu, enabling easy access to comprehensive information by the end users.

Dr. YSRHU's YouTube channel, radio station-Udyana Vani on 90.8 FM and technical support to RBK channel serve as valuable resources for farmers, offering informative content and expert guidance, on the latest horticultural practices and technologies.

Furthermore, the webinars tailored to specific crop seasons, featuring domain experts who share insights and best practices. These virtual sessions engage both experts and farmers in discussions about crop management, further strengthening the knowledge-sharing network.

In a bid to facilitate direct interaction between scientists and farmers, Dr. YSRHU lunched "VC to Village" novel program. This initiative brings scientists to the field, where they can engage with farmers, understand their challenges, and provide on-the-spot solutions.

In sum, Dr. YSRHU's Digital Extension approaches are pivotal in the university's mission in bridging the gap between technological innovations and end-users in horticulture and allied sectors. Their strategic use of ICTs, mobile apps, You Tube channel, and direct interaction initiatives demonstrates a commitment to modern extension methodologies that are not only empowering but also promoting sustainable horticultural practices and economic growth in the country.

T. Janakiram
Dr T. Janakiram
 Vice-Chancellor

The Events

Events

Implementation of Academic Management System in Dr. YSRHU

College of Horticulture, V.R. Gudem organized a week long sensitization workshop on Academic management System (AMS) at University level from 21.09.2023 to 27.09.2023 under chairmanship of Dr. T. Janakiram, Vice- Chancellor for successful implementation of AMS in Dr YSRHU and its four constituent colleges. Dr. A. S. Padmavathamma, Dean of Horticulture, Dr. S. Surya Kumari, Dean of PG studies, Dr. D. R. Salomi Suneetha, Dean of Student Affairs and Dr. M. Madhavi, Associate Dean of the College and the technical team members from four constituent colleges attended the programme. The master trainer Mr. Manichauhan, Technical team member of AMS, ICAR-IASRI, New Delhi imparted training for all the technical team members of four constituent colleges at College level and University level.



WORLD RIVERS DAY



World Rivers Day which is observed every year on **fourth Sunday of September** was organised on **23rd September 2023 (Saturday)** in Sri Krishnadevaraya College of Horticultural Sciences by the NSS unit. The chairperson of the programme, the Associate Dean Dr. N. N. Reddy addressed the audience and remembered the Canadian conservationist, internationally known river advocate Mr. Mark Angelo, the person behind the proposal of World Rivers Day celebration in front of United Nations, its significance in present day scenario.

Rythu Sadassu

On 29-09-2023, Dr.YSRHU-KVK, Venkataramannagudem organized Rythu Sadassu as a part of Rural Horticultural Work Experience Programme at Telikicherla village of Nallajerla Mandal. In this program, RHWEP students displayed models related to the Drip irrigation system, different types of mulches used for horticultural crops, integrated farming system model and problem-oriented horticultural information charts as components of exhibition.



Dr. T. Janakiram, Vice- Chancellor participated as chief guest in the august presence of Director Extension, Dr. E. Karuna Sree, and Associate Dean Dr. M. Madhavi and motivated the students for effective performance in the village and farmer field for their learning and future endeavours. Dr. A. Devivaraprasad Reddy, Dr.M.Raghavendra Reddy, Scientist,



Dr. Prasuna Lakshmi, Asst Prof, Horticulture officer Nallajerla, Mrs. Bavitha, VHA Suresh from RBK, Telicherla also attended the program. The program was coordinated by Dr. Venkata Satish Kuchi, Scientist (Horticulture). Farmers interacted and appreciated the student activities in the village as a part of RHWEP.

Condolence Meeting to Dr. M.S. Swaminathan

The Vice Chancellor of Dr YSRHU, Dr. T.Janakiram, University officers, Associate Dean, staff and students of College of Horticulture, V R Gudem paid floral tributes to renowned Agricultural Scientist and who passed away on 28.09.2023. Father of Green Revolution, Padma Bhushan Prof. M. S. Swaminathan at a programme organized at the college on 29.09.23.



A special condolence meet was organized at the Dr. YSRHU-College of Horticulture, Anantharajupeta, in honor of the renowned agricultural scientist, Dr. M.S. Swaminathan, under the guidance of Dr. K. Gopal, Associate Dean on 29.09.2023. Faculty and students expressed their deep condolences to the departed soul.



National Conference NEERAE 2023

Dr. E.Karuna Sree, Director of Extension participated in National Conference on “NexGen Extension for Evolving Resilient Agri- Ecosystems (NEERAE 2023)” from 25th to 27th September, 2023 as an Organizing Committee member on 26.09.2023. Co-chaired the session "Emerging Extension Methodologies for technological innovations in agri and allied sectors" at Auditorium, PJTSAU, Rajendranagar, Hyderabad. The Conference was jointly organised by Prof. Jaya Shankar Telangana State Agricultural University and Extension Education Institute, Hyderabad and about 300 delegates and Extension professionals from various State Agricultural Universities and ICAR Institutions participated and shared their research and extension activities under various themes of the conference. Visited the exhibition organized by various colleges and KVKs in the zone along with Dr. Mrs. Vijaya Khadar, former Dean of Home science and former Director of Extension, ANGRAU.



On 26.09.2023 visited the ICAR-ATARI Zone-10, Hyderabad and participated in the Hindi Language promotion Fortnight as per the ICAR norms and participated in the competition along with Dr. Murugan, Director of Extension, TNAU, Coimbatore Tamilnadu and Dr. Shaik N. Meera, Director, ICAR-ATARI, Hyderabad felicitated the guests.

ICAR-TSP on “Cashew Cultivation”

Dr.YSRHU - College of Horticulture, VR Gudem successfully conducted capacity building training programme on “Cashew Cultivation” as a part of ICAR-TSP 2022-23 on 30.09.2023 at Duddukur village. The scheduled tribe farmers from five villages viz., Duddukur, Antarvedi gudem, Aliveru, Kosuvari gudem and Doramamidi actively participated in the training programme. Dr. T. Janakiram, Vice Chancellor, Dr YSRHU as Chief Guest addressed farmers and enlightened them about the promising varieties and technologies developed by Dr YSRHU to improve the production and productivity of cashew crop. Sri. T.Balaraju, MLA appreciated the various ongoing activities and research accomplishments of Dr YSRHU and for successful implementation of the programme. As a part of the training programme, cashew grafts of variety B.P.P-8, fertilizers, various tools and implements useful in Cashew cultivation were distributed to the ST beneficiaries. Dr. D V Swami, Controller of Examinations, Dr YSRHU, Dr. M. Madhavi, Associate Dean & Co-Principal Investigator also attended the programme. The Principal Investigator Dr. K. Kalpana, Dr. Pedababu, Dr. Ravi Kiran, Dr Chandini Raj, Post graduate students of Dept of PSMA conducted the programme.



Education

On 23 September 2023, CoH, Anantharajupeta conducted Sarpagandha seedling distribution programme under NMPB QPM RCFC Project at college premises.



Mr. Y.Ram Mohan, Ramadu Subash and Jagadeeswari, PhD students of CoH, Anantharajupeta attended the credit seminar presentations on 30.09.2023.



CoH, Anantharajupeta conducted final viva-voce to Ph.D students on 21.09.2023, 26.09.2023 & 30.09.2023,



A review meeting was held at Girls hostel, COH, Anantharajupeta on 25-09-2023. Wardens explained the hostel residents about the rules and regulations to be followed and maintenance of hygiene, in the campus



Guest lecture was arranged on "Hydroponics and Aeroponics" to Horticulture Diploma Students of HPT, Kalikiri on 22-09-2023 by Dr.A.Anjaneyulu, Teaching Associate

NSS Activities



NSS Cell, Dr.YSRHU-College of Horticulture, Anantharajupeta, celebrated NSS Foundation Day on 25.09.2023. As a part of this programme, NSS unit conducted Swachhata Hi Seva programme on 23.09.2023 wherein NSS volunteers involved in campus cleaning activities such as weeding and garbage collection

NSS Formation Day, 2023 was celebrated at College of Horticulture, V R Gudem. Dr. D.R. Salomi Suneetha, Dean of Student Affairs, Dr YSRHU; Dr. M.Madhavi, Associate Dean, College of Horticulture, VR Gudem graced the occasion and explained the importance of NSS in student life. An elocution competition was conducted for the students and the winners were awarded certificates.



NSS Unit of Dr. YSRHU-COH, Anantharajupeta conducted **Swachhata Hi Seva Program - 2023 with the theme "Garbage free India"**, in adopted Village, K.R. KANDRIGA, Rly kodur (M) , Annamayya District on 30-09-2023. The activities conducted were viz., awareness on cleanliness, Swachhata Hi Seva pledge, rally with NSS volunteers of 1st year B.Sc (Hons.) Horticulture with Swachhata slogans, plantation program in RBK premises and removal of plastic waste in the village.

NSS Formation Day was celebrated at College of Horticulture, Chinalataripi on 24.09.2023. Dr. S.S. Vijaya Padma, Associate Dean, all the teaching staff and students participated in the programme and planted fruit and forest species around the college premises. NSS Officer Dr. Y. Yohan, co-ordinated the programme.



NSS Foundation Day' was celebrated on 24.09.2023 in College of Horticulture, Parvathipuram. All the students, teaching and non-teaching staff participated in the programme.

As a part of NSS programme "Swachata Hi Seva" week (from 18th September to 2nd October) was organized and campus cleaning was initiated by NSS volunteers at hostels and college campus of CoH, Parvathipuram.



Foundation Day of National Service Scheme (24th September 2023) was organized on 25th September, 2023 by NSS unit of Sri Krishnadevaraya College of Horticultural Sciences, Anantapuramu.

HPT, Kalikiri students conducted Swachta Hi Seva cleaning programme at college premises on 28-09-2023



On 29.09.2023 & 30.09.2023, Swachata Hi Seva campaign was conducted by SFU, NSS UNIT, College of Horticulture, Chinalataripi at college premises and Oguru village, SPSR Nellore District. NSS Officer Dr. Y. Yohan, co-ordinated the programme.

Research

Scientists of Dr.YSRHU-CRS Petlur conducted survey on citrus nurseries in Simhadripuram, Pulivendula and Vemula mandals to study the status of planting material production and problems on 30-10-2023 along with the Sri. D. Siva Prasad Reddy, Hon'ble Member of Board of Management, Dr. YSRHU.



Dr. K. Swarajya Lakshmi, Professor (Horticulture), Dr.Ch. Ruth, Professor (Pl Path), Dr. G. Chandramohan Reddy, Asst.Prof (PSMA), CoH, Anantharajupeta provided tuberose and crossandra planting material to Sri. Ranjith Kumar, Technical officer from CSIR-CIMAP, Hyderabad.

Extension

Training programmes conducted

On 16-09-2023, Dr. K. Venkata Satish, Scientist (Horticulture), Dr YSRHU-KVK, Venkataramannagudem conducted training on cultivation practices in custard apple and acid lime at Dr. YSRHU-KVK, Venkataramannagudem to students of Rural Horticultural Work Experience Programme.



Dr.YSRHU-KVK, VRGudem conducted a training program on Integrated Farming Systems for the Veterinary Polytechnic students as part of their internship program. Dr. A. Devivaraprasad Reddy, Scientist, coordinated the program from 16.09.2023 to 22.09.2023.

On 22 September, 2023, Dr.D.Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK Periyavaram conducted a training programme on "Training and pruning in Acid lime" at Yachavaram village, Balayapalli mandal, Tirupati District.



On 25.09.2023, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted training programme on "Mobile applications in agriculture, horticulture and allied sectors". Enlightened the participants about mobile applications like Kisan Suvidha, Vyavasayam, e-NAM, NaPanta, Plantix, Kisan Rath, e-Gopala and Pashu Poshan.

On 26-09-2023, Dr. K. Venkata Subbaiah, Scientist, KVK, VR Gudem conducted a training program on cashew and vegetables and explained different cashew operations viz., pruning, ploughing, RDF application, mulching and IPM practices to be carried out after harvesting of cashew to enhance the yield in the ensuing season.



On 26.09.2023, Dr. S. Firoz Hussain, Scientist (Horticulture), KVK, Vonipenta conducted a training programme on the control of insect pest and diseases in pomegranate at G.V. Satram village of Mydukur mandal.

On 26-09-2023, scientists of KVK, Vonipenta, Scientists conducted training programmes on "Uses of Millets and pulses inter-cropping –Family for security" at Somireddipalli village of B.matam mandal. Mr. U.P. Siddareddy, Chairman, FPC and B. Ramachandra Reddy, Secretary, FPC, farmers and women participated in the session.



Training programmes participated

On 30.09.2023, Dr. V.Anoosha, Scientist (Entomology), Dr.YSRHU- HRS, Ambajipeta participated in orientation/training programme "31st National Children's Science Congress" for AP Government School science teachers held at DPS, Amalapuram organized by District Education Department of Dr. B.R. Ambedkar Konaseema District.



On 17.9.2023, G. Sandeep Naik, Scientist, Dr YSRHU-HRS, Anantharajupeta and Dr D. Srinivas Reddy, Senior Scientist (Ento), CRS, Tirupati participated as resource persons in farmers training programme on Banana cultivation practices organized by Coromandel International Limited at Mukkavaripalli village of Obulavaripalli mandal and explained about different cultivation aspects of banana.

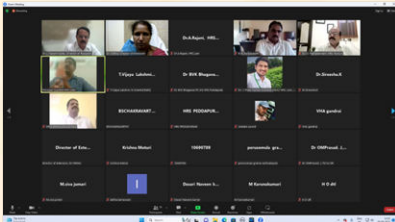


On 25-09-2023, Dr. M. Harsitha participated as a resource person in the training programme on “Improved Agricultural practices for doubling of farmer’s income” conducted by KVK, Utukur at Palugurallapalli village of B. Matam mandal. Dr.Veeraiah, PC, KVK, Utukur, Dr.Murali Krishna, PC, DAATTC, Kadapa, Dr. V. Shilpakala, SMS (Plant protection), Dr.S. Manasa, SMS (Hort.), Sri Venu Gopal Reddy, Project officer, Badvel and farmers participated in the programme.

On 26.09.2023 Dr. Lavanya, Research Associate (Veterinary Science) from KVK, Vonipenta attended training programme as resource person on “Improved Agricultural practices for doubling farmer’s income” at Palugurallapalli village of B. Matam mandal. As a part of the programme, scientist conducted training programme on common poultry diseases and prevention methods, varieties of fodder grasses and technologies developed by ICAR institutes.

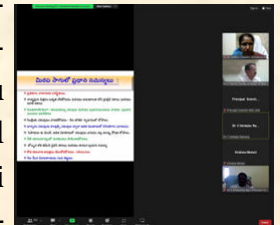


Webinar



Dr.YSRHU- Farmers Advisory Cell and HRS, Lam conducted webinar on “Mirapalo naatla samayamlo samagra sasya rakshana” on 29.09.2023. The resource persons Dr.C. Venkata Ramana, Principal Scientist, Dr. K. Sireesha, Principal Scientist and Dr. T.Vijaya Lakshmi, Senior Scientists, Dr.YSRHU-HRS, Lam, comprehensively dealt the topic. Dr. L. Naram Naidu

Director of Research and Dr. E. Karuna Sree Director of Extension addressed participants during the inaugural session. Department Officers from the chilli growing districts, RBK staff, farmers participated and interacted with the scientists.



VC to Village Programme:



On 27-09-2023, Dr. K. Swarajyalakshmi, Prof. (Hort) and Dr.Ch.Ruth, Prof. (Pl.Path) & Co-ordinator of VC to Village programme, CoH, AR Peta, conducted training on “Importance and awareness on millets and their nutritional values” in KR Kandriga.

On 30-09-2023, Dr. Ch.Ruth, Dr A.Nichala, Dr. Y.Deepthi, CoH, Anantharajupeta and Sri Rajesh Naik, VHA conducted exposure visit in adopted village K.R.Kandriga, Annamayya Dt. to first year, second semester B.Sc. (Horti) students as part of course- Fundamentals of Plant Pathology and observed Sigatoka leaf spot in Red banana in Sri Namburi Venkata Subbaiah Raju field and suggested control measures to the farmer.



Dr. R.Nagaraju, Principal Scientist (Hort) & Head, Dr. L. Mukunda Lakshmi, Principal Scientist (Hort), Dr.D.Srinivas Reddy, Senior Scientist (Ento), Dr. M. Kavitha, Senior Scientist (PP), Dr.V.Gopi, Technical assistant, CRS, Tirupati, Dharaneswa Reddy, Managing Director, MICCO Laboratories Pvt. Ltd, (A DBT accredited lab) and along with Department officials visited the adopted village under VC to Village programme and discussed on various horticultural crop related aspects, avocado cultivation, alternate crops for mango and distributed tissue culture banana plants to the farmers on 28.09.2023.



On 21.09.2023, Dr. N.B.V.Chalapathi Rao, Principal Scientist & Head, HRS-Ambajipeta, conducted VC to Village programme at Palavalasa, Burja mandal the adopted village of Dr.YSRHU-HRS Peddapeta, Srikakulam district and explained about bio control agents followed by their release in field. Dr. Srinivas Raju, Scientist (Horticulture) from ICAR-KVK Rastakuntabai, Manyam district also joined and enlightened the farmers about various activities to be taken up in vegetables and assured support from ICAR -KVK Amadalavalsa, Srikakulam district.



On 26.9.2023, Dr K.T. Venkata Ramana, Principal Scientist (H) & Head and staff of Dr. YSRHU- HRS, Anantharajupeta visited Upparapalle village of Rly. Kodur mandal under VC to Village programme and conducted farmers training programme on 'Best management practices in Mango'.

Dr.YSRHU - HRS, Mahanandi, conducted awareness programme on "Management of black thrips in Chilli" at adopted village Mahadevapuram, Sirivella (M), Nandyal (Dt.) on 29.09.23.

Dr.YSRHU - HRS, Mahanandi scientists provided technical information to RBK staff of adopted Village Mahadevapuram, Sirivella (M), Nandyal (Dt.), on "Improved management practices in Chilli" and "Improved management practices in Turmeric" on 25-09-23.



Scientists of HRS, VR Gudem conducted VC to Village program on 30.09.2023 visited nursery at adopted village Kadiyedda and discussed about planting methods, potassium mixture, nematode management in nursery, use of biofertilizers and bioagents in soil health management.

On 16-09-2023, Dr. G.Narasimha Murthy Professor (Hort.), HRS – Peddapeta, visited the adopted village Palavalasa under VC to Village Programme and advised the farmers on GAP in growing vegetable crops.



On 21-09-2023, Dr NBV Chalapathi Rao, Principal Scientist (Ento.) & Head, HRS – Peddapeta, participated in a group meeting conducted in the adopted village Palavalasa under VC to Village programme. In this meeting, the farmers were shown the usage Bio-agents in crops and also a demo was conducted on the release of Bio-agents in the field.

Swachhta Hi Seva

Swachhta Hi Seva (SHS) activities were organized by the NSS programme officers of the college Dr. C.P.Viji, Dr. Shiva Kumar and Ms. Udaysree, CoH, VR Gudem in the premises of the college and the adopted village, Singarajupalem.



Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - KVK, Venkataramnagudem organized Swachhta Hi Seva activities from 15th Sept- 02nd October 2023 with the theme of Garbage free India. The activities like, Swachhata Pledge, cleanliness drive at office premises & adjacent areas and Swachhata Diwas were conducted. All scientists of Dr. YSRHU-KVK, VR Gudem participated in the campaign.

Dr.YSRHU-KVK, Vonipenta scientists conducted Swachhta Pakhwada at Somireddipalli village of B.matam mandal on 26.09.2023 and on 27.09.2023 at KVK premises.



Scientists of KVK, Pandirimamidi conducted Swachhatha Hi Seva fortnight drive from 15th September to 2nd October 2023.

Dr.B.Vijayasree, Scientist, Dr.YSRHU-KVK, Periyavaram coordinated and conducted Swachhata Hi Seva Program - 2023 with the theme "Garbage free India" from September 15th to Oct 2nd 2023 in collaboration with different Govt. institutions.



On 27.09.2023, KVK, Periyavaram conducted awareness on cleanliness drive at Poleramma temple as part of World Tourism Day and in view of Venkatagiri Poleramma Jaathara which was declared as State function by Govt. of Andhra Pradesh.



On 29.09.2023, KVK, Periyavaram carried out activities like awareness on cleanliness drive at IIHT, Venkatagiri. A rally was conducted with IIHT students with Swachhata slogans. Sri S.Giridhar Rao, OSD, Sri T.Kiran Kumar, Weaving Faculty, Sri K.Haranatha Rao, Faculty and students, Indian Institute of Handloom Technology (IIHT), Venkatagiri, participated in the program.



SC Sub Plan

As a part of the ICAR-SC Sub Plan Vegetable IPM project, Dr N.Emmanuel, Professor (Entomology) & Principal Investigator of the project, Dr M. Madhavi, Associate Dean, College of Horticulture, VR Gudem and Dr. AVD Dorajee Rao, Professor distributed the brinjal, chilli seedlings and bhendi seeds to SC farmers in Telikacherla and Anathapilli villages of West Godavari on 20.09.2023.



Diagnostic Visits

Dr. L.Mukunda Lakshmi, Principal Scientist (Hort) and Dr. D.Srinivas Reddy, Senior Scientist (Ento), CRS,Tirupati along with Sri. Subba Reddy, DHO, SPSR Nellore and HO, Podalakur surveyed the acid lime orchards under Kandaleru dam catchment area of Podalakur mandal to study percent of damage due to seepage and root rot disease incidence, to suggest the alternate crops, and also attended farmers training programme at Pulikallu and Kanagallu villages on production and protection technologies in acid lime on 16/09/2023.

Dr. Ch. Ruth, Professor (Pl.Path.) and Dr. K.Swarajya lakshmi, Professor (Hort.), CoH, Anantharajupeta, observed leaf webber in betelvine crop supported by sesbania in farmers fields in Settigunta and Venkataredypalli villages, Kodur (M), Annamayya Dist and suggested spraying of Profenop @ 2ml+ Neem oil @ 3ml/l of water.



On 23.09.2023, Dr. Ch. Ruth, Professor (Pl.Path.) and Dr.K. Swarajyalakshmi, Professor (Hort.), CoH, Anantharajupeta, observed nutritional disorder in banana (ratoon) crop of Grand Naine variety at Y.Kota (V) obulavaripalli (M) and suggested to apply recommended dose of fertilizers.

On 21.09.2023, scientists of Dr.YSRHU-CRS Petlur visited acid lime orchard at Sukaravaripalli village, Venkatagiri mandal and observed ganoderma, diplo-dia gummosis and cankar incidence on old trees incidence. Suggested control measures.



Scientists of Dr.YSRHU-CRS Petlur conducted field visit to acid lime orchards near adopted village Yathalur, Venkatagiri mandal and suggested plant protection measures for control of cankar on 21.9.2023.

On 23.09.2023, Dr. V. Anoosha, Scientist (Entomology), P. Sasikala, AEO (Ento.), Dr.YSRHU-HRS, Ambajipeta conducted roving survey and diagnostic field visit to coconut gardens at Vadaparti village of Anakapalle district and created awareness on coconut insect pest and disease management measures.



Dr. M. Tagore Naik, Principal Scientist (Hort.) attended diagnostic field visit to chilli crop at Pandurangapuram and Gajulapalli villages on 23.09.2023 and observed the sucking pest incidence. Suggested to spray with Fipronil @ 2 ml/l or Spinetoram @ 1 ml/l and erect blue sticky traps against thrips.

On 21.09.2023, Dr. K. Venkata Subbaiah, Scientist and Dr. M. Raghavendra Reddy Scientist, KVK, VR Gudem proceeded to Marlagudem village of Buttai-gudem mandal to conduct diagnostic field visit in Ridge gourd and Okra and suggested suitable measures.



On 25-09-2023, Dr. Venkata Satish Kuchi, Scientist and Dr. K.Venkata Sub-baiah, Scientist, KVK, VR Gudem conducted a diagnostic field visit to banana field in Penakanametta village of Kovvur mandal. Suggested application of micronutrient mixture @ 5g/l and recommended dose of fertilizers.

On 29.09.2023, CoH, Chinnalataripi conducted diagnostic field visit to Guava and Papaya fields as part of practical class to Second year B.Sc (Hons.) Horticulture students at Oguru Village, SPSR Nellore District. Course In-charges Dr. K. Jyothirmai Madhavi, Associate Professor (Plant Path.) and Mr. M. Narasimhudu, Assistant Professor (Ento.) co-ordinated the tour.



On 30.09.2023, Dr. M. Raghavendra Reddy, Scientist and Dr K. Venkata Subbaiah, Scientist Dr. YSRHU - KVK, VR Gudem conducted diagnostic visit to newly planted cashew orchard and acid lime garden in Telikicherla Village, Nallajerla mandal and ridge gourd field in Amruthapuram village. Later visited Paddy field under FLD on “Demonstration of flood tolerant rice variety MTU-1232”.

Field Visits

On 19.09.2023, Sri A. Kireeti, Scientist, HRS-Ambajipeta, visited the fields in Tanelanka, Mummdivaram mandal of Dr. B. R. Ambedkar Konaseema district where the inter crops i.e., cocoa, sweet orange and banana were affected due to soil pollution caused by oil drill by M/S Oil India Limited.



Scientists of KVK, Pandirimamidi visited cage culture unit on 20.09.2023 at Bhupatipalem reservoir, Gandhinagaram and conducted group discussion with society members regarding society activities and also observed the cages conditioning i.e, floating materials, inner and outer nets, cage frame condition and border line condition, estimation of cost particulars for renovation of existing 12 cages along with FDO, VFA and fishermen's.

On Farm Trials

On 20.09.2023, Dr YSRHU-KVK, Venkataramannagudem distributed chilli seedlings to farmers as a part of OFT trial “Assessment of chilli hybrid Arka Gagan”. The program was coordinated by Dr. Venkata Satish Kuchi, Scientist (Horticulture) and Dr. K. Venkata Subbaiah.



On 21.09.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - KVK, Venkataramannagudem visited fields of OFT on “Assessment of natural farming methods in paddy” and “Organic cultivation of Okra” in Yerrayigudem and Kannapuram of Eluru district and imparted training on production technology of vermicompost at household level.

On 21.09.2023, Dr. S.Firoz Hussain, Scientist (Horticulture), KVK, Vonipenta initiated on farm trial on Management of Sigatoka leaf spot in banana at Adireddypalle village of Mydukur Mandal. As a part of OFT, the chemicals viz., Tilt @ 1ml/ litre and Amistar Top @ 1ml/ litre were supplied to farmers for control of sigatoka leaf spot in banana.



On 16.09.2023, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and Dr. T. Kranthi Kumar, Scientist (Horticulture), KVK, Pandirimamidi conducted follow up visit to grafted brinjal fields at Irlapalli village, Rampachodavaram mandal as a part of OFT on “Assessment of grafted brinjal seedlings for yield and wilt management” under TSP-2023.

On 21.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist, KVK, Pandirimamidi conducted follow up visit to grafted brinjal fields at Pedageddada village, Rampachodavaram mandal as a part of OFT on “Assessment of grafted brinjal seedlings for yield and wilt management” under TSP-2023.



On 21.09.2023, Dr. N. Chiranjeevi, Scientist (Plant Pathology) and Dr. T. Kranthi Kumar, Scientist (Horticulture), KVK, Pandirimamidi distributed agri cannon scaring guns to the tribal beneficiary farmers from Irlapalli and Jagarampalli villages of Rampachodavaram mandal as a part of OFT on “Assessment of solar fence for the vertebrate

pest management” in tribal area of Alluri Seetharamaraju district under TSP-2023.

On 22-09-2023, Dr.B.Vijayasree, Scientist (Home science) Dr.YSRHU-KVK-Periyavaram conducted OFT on "Assessment of acceptability of anti oxidant rich millet based nutribars by women and children" at KVK, Periyavaram, Venkatagiri mandal, Tirupati district.



On 22-09-2023, Dr.B.Vijayasree, Scientist, Dr.YSRHU-KVK-Periyavaram conducted Gramasabha at adopted village as part of Vice- Chancellor to Village program at RBK, Pallipadu - Mannur village, Balayapalli mandal, Tirupati District in convergence with different Govt. departments. As part of OFT on 'Assessment of Acceptability of Millet based Nutribars by Women & Children' distributed millet nutribars and took feedback from villagers.

On 22.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist, KVK, Pandirimamidi conducted follow up visit to solar fence installed chilli and cotton fields at Rajyampalem and Amudalabanda villages of Gangavaram mandal as a part of OFT on “Assessment of solar fence for the vertebrate pest management” in tribal area of Alluri Seetharamaraju district under TSP-2023.

On 22.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist, KVK, Pandirimamidi conducted follow up visit to chilli fields at Rajyampalem and Amudalabanda villages of Gangavaram mandal as a part of OFT on “Assessment of IPM modules for chilli black thrips management” under TSP-2023. The crop is at early vegetative stage.



On 23.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist, KVK, Pandirimamidi conducted follow up visit to chilli fields at Rajyampalem and Amudalabanda villages of Gangavaram mandal as a part of OFT on “Assessment of IPM modules for chilli black thrips management” under TSP-2023. The crop is at early vegetative stage.

On 25.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist, KVK, Pandirimamidi initiated On Farm Trial on “Nano urea fertilizer application in paddy” under TSP-2023 and distributed liquid nano urea bottles to the beneficiary tribal farmers from I.Polavaram village of Rampachodavaram mandal.



On 26.09.2023, Dr. T.Kranthi Kumar, Scientist and Dr.N. Chiranjeevi, Scientist, KVK, Pandirimamidi conducted follow up visit to colacasia field in Irlapalli village of Rampachodavaram mandal as a part of OFT on “Introduction and Assessment of Colacasia var. Godavari Chema” under SCSP-2023.

On 26 September 2023, Dr. D.Thirupal, Scientist, Dr.YSRHU-KVK Periyavaram conducted a follow up field visit to OFT on "Assessment of Marigold Varieties (Arka Abhi & Arka Shubha" at Palakondasathram village, Venkatagiri mandal, Tirupati District.



On 26.09.2023, Dr.P.Nagarjuna Reddy, Scientist, KVK, Periyavaram conducted follow up visit on "Assessment on performance of improved poultry breeds as backyard poultry" at Bandpalem (V), Venkatagiri (M), Tirupati dist. and monitored the growth of two months old Rajashree and Vanashree birds.

On 29.09.2023, Sri K.Veeranjaneyulu, Scientist (Fisheries), KVK, Pandirimamidi distributed COFS-29 and COFS-33 fodder seed to tribal beneficiaries from Musurumilli, Damanapalli villages of Rampachodavaram mandal under OFT on "Assessment of improved fodder sorghum CoFS 33 for perennial fodder production".



On 30 September 2023, Dr.D.Thirupal, Scientist, Dr.YSRHU-KVK, Periyavaram visited to Chilli nursery in farmer's field as a part of OFT on "Assessment of Chilli varieties (LCA 684 & LCA 657)" at Venugopalapuram village, Venkatagiri mandal, Tirupati District.

On 30 September 2023, Dr.D.Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK Periyavaram visited chilli nursery in farmer's field as a part of OFT on "Assessment of Chilli varieties (LCA 684 & LCA 657)" at Venugopalapuram village, Venkatagiri mandal, Tirupati District.



Front Line Demonstrations



On 18.09.2023, Smt. I.Rajeevana, Scientist (Soil Science) conducted field visit to the FLD " Integrated Nutrient Management in Okra" and distributed Arka Vegetable Special followed by its application.

On 19.09.2023, Dr. S. Firoz Hussain, Scientist, KVK, Vonipenta conducted follow up visit to FLD "Demonstration on regulation of flowering in Acid lime for increasing the yield" at B. Matam mandal and supplied Potassium nitrate @ 500 g and Tilt @ 1ml/ litre for improving flowering and yield.



On 26.09.2023, Dr. B.S.Kanthi Sri, Scientist, KVK, Vonipenta conducted follow up visit on FLD on "Establishment of Community Nutrition Garden" at beneficiaries backyards.

On 19.09.2023, Dr. N. Chiranjeevi, Scientist, KVK, Pandirimamidi initiated FLD on "Management of *Maruca* pod borer and viral diseases in black gram" under TSP-2023-24. Distributed inputs viz., TBG-104 seed, sticky traps and neem oil to the beneficiary tribal farmers from Thamarapalli and Nunepalli village of Rampachodavaram mandal and also conducted training programme on pest and disease management in black gram.



On 20.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist KVK, Pandirimamidi initiated FLD "IPDM in paddy" under TSP-2023. Distributed inputs like sticky traps, pheromone traps and neem oil to the tribal beneficiary farmers from Marrivada and I. Polavaram villages of Rampachodavaram mandal. Conducted training programme on pest and diseases management in Paddy & also given method demonstration on usage of pheromone traps in Paddy.



On 22.09.2023, Dr. N. Chiranjeevi, Scientist, KVK, Pandirimamidi initiated FLD "Demonstration of IPDM in brinjal" under TSP-2023 and distributed inputs to the tribal beneficiary farmers from Rajyampalem and Thallapalem villages of Rampachodavaram and Gangavaram mandals and visited the fields at Rajyampalem village.

On 22 September 2023, Dr.D.Thirupal, Scientist, Dr.YSRHU-KVK Periyavaram distributed Cycocel (CCC) to the beneficiary farmers followed by its spraying in fields as a part of the flower regulation schedule in Acid lime at Yachavaram village, Balayapalli mandal, Tirupati district.



On 23.09.2023, Dr. N. Chiranjeevi, Scientist and Dr. T. Kranthi Kumar, Scientist, KVK, Pandirimamidi conducted follow up visit to bhendi fields at Jagarampalli and Irlapalli villages of Rampachodavaram mandals of Alluri Seetharamaraju district as a part of FLD on "Demonstration of YVMV resistant hybrid CoBh-4" under TSP-2023.

On 26 September 2023, Dr.D.Thirupal, Scientist, Dr.YSRHU-KVK Periyavaram distributed Cycocel (CCC) to the beneficiary farmers followed by its spraying in fields as a part of the flower regulation schedule in acid lime at Bandupalem village, Balayapalli mandal, Tirupati District



On 27-09-2023, Dr.T. Kranthi Kumar, Scientist, Dr.N. Chiranjeevi, Scientist and Principal Scientist & Head, KVK, Pandirimamidi, initiated FLD on "Demonstration of Arka Vegetable Special in Brinjal" under TSP-2023-24 and distributed 1kg Arka Vegetable Special packets to Brinjal farmers.

On 30 September 2023, Dr.D.Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK Periyavaram distributed Cycocel (CCC) to the beneficiary farmers followed by its spraying in fields as a part of the flower regulation schedule in acid lime at Kayyuru and Venugopalapuram villages, Balayapalli mandal, Tirupati District.



Cluster Front Line Demonstrations – Pules:



On 21.09.2023, 22.09.2023 and 26.09.2023, Dr. M. Harsitha, Scientist (SSAC) initiated OFT on "Introduction of new black gram varieties LBG-884 and GBG-1" at KVK, Vonipenta. As a part of the programme black gram seed of varieties LBG-884 and GBG-1 were provided to the farmers from Kamalapuram and Vedururu village and explained the farmers to take up seed treatment with Tiram or Captan @ 2.5 g per kg of seed.

Method Demonstrations

On 20.09.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - Krishi Vigyan Kendra, Venkataramannagudem organized the demonstration of Neem seed kernel extract to spray on paddy using Agricultural Drones at Venkataramannagudem and Singarajupalem. Dr. E Karuna Sree, PS & Head, Dr. A. Devi Varaprasad Reddy, Scientist, Dr. K. Venkata Satish, Scientist and Horticultural Officer, VHA and farmers attended the programme.



On 25.09.2023, Dr. M. Raghavendra Reddy, Scientist (SS&AC), Dr. YSRHU - KVK, Venkataramannagudem organized Observational Trial on spraying of various agrochemicals on tuber crops and banana in Dr YSRHU-HRS, Kovvur and conducted an awareness programme on use of Agricultural drone for spraying at Yerravaram and Prattipadu mandals of Kakinada district. Dr G. Ramanandam, PS & Head, scientists, Dr YSRHU-HRS, Kovvur and Horticultural officer, Yerravaram mandal participated in the programme.

Udyana Yatra

Dr.YSRHU-KVK, VRGudem conducted the Udyana Yatra on 16.09.2023 to the Navodaya Residential School, Pedavegi, Eluru District. The program was coordinated by Dr.A.Devivaraprasad Reddy, Scientist, KVK, VR Gudem and Dr.K,Mayuri, TO to i/c DE, Dr.YSRHU.



On 23.09.2023, Dr. YSRHU-KVK, Venkataramannagudem conducted Udyana Yatra to students of SK Degree College Students, Penugonda. The program was coordinated by Dr.A.Devivaraprasad Reddy, KVK, Venkataramannagudem, 45 students participated in the programme.

Dr.YSRHU-KVK, VR Gudem conducted Udyana Yatra to the B.Sc. Ag. students of the Centurion University, Orissa, on 26.09.2023. Dr. A.Devivaraprasad Reddy, Scientist, KVK, VR Gudem coordinated the program.



On 27.09.2023, scientists of Dr.YSRHU-KVK, VR Gudem conducted Udyana Yatra to tribal farmers, NGO Creative group from Rampachodavarm.

On 29.09.2023, scientists of Dr.YSRHU-KVK, Venkataramannagudem conducted Udyana Yatra program to Narayana Jr. College students from Tadepalligudem. Dr.M.Vijaya Lakshmi, TO to Director, PME cell co-ordinated the programme.



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 September, 2023 (3-4 PM).

Date	Topics	Scientist Name
16.09.2023	ఉద్యాన పంటల్లో నులిపురుగుల యాజమాన్యం	Dr.CH.S.Kishore Kumar, Sr. Scientist, HRS, Ambajipeta
19.09.2023	మినుము సాగు లో మేలైన యాజమాన్య పద్ధతులు	Dr.N.Srividya Rani, Scientist, KVK, Vonipenta
20.09.2023	టమాటా సాగులో మేలైన యాజమాన్య పద్ధతులు	Sri.C.Ramesh Naidu, Asst. Prof., HPT, Kalikir
21.09.2023	మంచినీటి చేపల పెంపకంలో మేలైన యాజమాన్య పద్ధతులు	Sri K.Veeranjaneyulu, Scientist, KVK, Pandirimamidi
22.09.2023	జీవ నియంత్రణ పద్ధతుల ద్వారా కొబ్బరిలో తెగుళ్ల యాజమాన్యం	Dr.V.Govardhan Rao, Scientist, HRS, Ambajipeta
23.09.2023	మామిడిలో పూత కొరకు తీసుకోవలసిన మేలైన యాజమాన్య పద్ధతులు	Dr.D.Thirupal, Scientist, KVK, Peri- yavaram
25.09.2023	అరటిని ఆశించు చీడపీడలు వాటి నివారణ	Dr.M. Sunil Kumar, Scientist, BRS, Pulivendula
26.09.2023	నిమ్మ తోటల్లో సమగ్ర సంస్కరణ	Dr.M.Kavitha, Sr. Scientist, CRS, Tiru- pati
27.09.2023	కొత్తగా వేసుకునే మామిడి తోటల్లో తీసుకోవలసిన జాగ్రత్తలు	Dr.K.Radha Rani, Principal Scientist, MRS, Nuzvid
29.09.2023	పుట్టగొడుగుల పెంపకంలో మెళకువలు	Dr.N. Chiranjeevi, Scientist, KVK, Pandirimamidi
30.09.2023	నూనె గింజల్లో సూక్ష్మ పోషక లోపాలు వాటి యాజమాన్యం	Dr.M.Harshitha, Scientist, KVK, Vonipenta

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 September Second fortnight, 2023.

Date	Topics	Scientist Name
22.09.2023	పెరటి తోటలు మరియు మిడ్లె తోటలలో కూరగాయల పెంపకం - మేలైన యాజమాన్య పద్ధతులు	Dr.K.Venkata Subbaiah, Scientist, KVK, VR Gudem
25.09.2023	బత్తాయి, నిమ్మ తోటల్లో అధిక దిగుబడులు సాధించుటకు పూత నియంత్రణ పాటించుట మరియు మేలైన యాజమాన్యం	Dr.L. Mukunda Lakshmi, Sr. Scientist, CRS, Tirupathi
29.09.2023	కోకో పీట్ తయారీ విధానం మరియు వివిధ పంటల్లో ఉపయోగాలు	Dr. I.Rajeevana, Scientist, KVK, Periyavram

T.V. Programme:

Dr. K. Radha Rani, Principal Scientist (Hort.) delivered talk on “Mamidilo anttumokkala empika” telecasted by RBK Channel Gannavaram on 16.9.2023.

General

Dr. R. Nagaraju, Principal Scientist & Head, CRS, Tirupati and Chairman of advisory Committee attended P.G. student Viva Voice on “Value addition of worshipped flowers by making powders through dry flower technology” at COH, Anantharajupeta on 30.09.2023.

Dr.Ch.Ruth, Professor and Ms. P.Sushma, PhD (Pl. Path.) student, CoH, Anantharajupeta participated in 8th Asian PGPR Conference on “Beneficial microbes for Plant Health Management” at UHS campus, GKV, Bengaluru” from 19.09.23 to 21.09.2023 and presented poster.



Meetings:

Dr. N.B.V.Chalapathi Rao, Principal Scientist & Head, Dr.YSRHU-HRS, Ambajipeta, Dr.K.Swarajya Lakshmi, Professor (Horti) and Dr. Ch Ruth, Professor (Pl. Path.), CoH, Anantharajupeta, participated in National webinar on Agri Tourism on 25.09.2023.

Dr. R. Nagaraju, PS (Hort) & Head, Dr. D.Srinivasa Reddy, Senior Scientist (Ento) and Dr. M. Kavitha, Senior Scientist (PP), CRS, Tirupati attended Quarterly review meeting on progress made in plant protection trials with Project Co-ordinator, ICAR-AICRP on Fruits on 29.09.2023 through virtual mode.

On 29.09.2023, Dr. V.Govardhan Rao, Scientist (Plant Pathology) participated in online meeting on “Development of AI- based mobile app for the diagnosis of coconut diseases” organized of by ICAR – CPCRI in collaboration with ICAR-IASRI, New Delhi.

On 30.09.2023, Dr. N.B.V.Chalapathi Rao, Principal Scientist & Head and Sri A. Kireeti, Scientist (Horticulture), Dr.YSRHU- HRS, Ambajipeta participated in the meeting on “Effect on intercrops in coconut orchard due to oil drilling by M/S Oil India Liminted in Thanelaka village” organized by Department of Horticulture under the chairmanship of District Collector, Dr.B.R.Ambedkar Konaseema at Collectorate Office, Amalapuram

On 20.09.2023, Dr. Y. Sharath Kumar Reddy, Scientist (Pl. Phy.) and G. Sandeep Naik, Scientist (Plant Pathology) from Dr YSRHU- HRS, Anantharajupeta participated in technical discussion on new trials proposal meeting under ICAR- AICRP on Fruits through zoom platform conveyed by Project Coordinator, AICRP on Fruits.

On 29.09.2023, G. Sandeep Naik, Scientist (Plant Pathology) from Dr YSRHU- HRS, Anantharajupeta participated in quarterly review of plant protection experiments under ICAR- AICRP on Fruits through online platform convened by Project Coordinator, AICRP on Fruits.

Dr. P. Sunitha, Senior Scientist (Ent) participated in 5th National Conference on "Recent Advances in Agricultural and Industrial Entomology and Environmental Sciences and their Impact on Food and Environmental Security" held at Entomology Research Institute, Loyola College, Chennai 600034, Tamil Nadu from September 29th-30th, 2023 and gave oral presentation on "Seasonal occurrence of pests on *Ocimum sanctum* and *Ocimum basilicum* in Andhra Pradesh" during technical session. Dr.P.Sunitha was awarded with **Agricultural Scientist Award - 2023** by Dr. B.Vasanthraj David Foundation, Chennai.



On 26.09.2023, Dr. N. Srividya Rani, Scientist & Head, Dr. M. Harsitha, Scientist (SSAC) and Dr. B.S. Kanthi Sri, Scientist (H. Sc), KVK, Vonipenta participated in the Board meeting organised by B. Matam Farmer Producer Organization at Somireddypalli village of B. Matam mandal.

Visits

Dr. D.V.G. Shankar Rao, Chairman, AP State ST Commission, Amaravathi, visited College of Horticulture, Parvathipuram on 20.09.2023 and interacted with Teaching and Non-teaching staff and students.



Dr. S N Patil, Professor and Head, Division of Fruit Science, CoH, UHS, Bagalkot visited Dr.YSRHU-CRS, Tirupati on 21.09.2023.

On 22.09.2023, NABARD Asst. Managers from the states of Tamil Nadu, Maharashtra and Andhra Pradesh and Sri Somu Naidu AGM (DD), East Godavari along with NABARD promoted FPO farmers from Vanapalli village (under VC to Village programme) and members of BREDS NGO organization visited DRYSRHU-HRS, Ambajipeta.



On 29.09.2023, Dr Muthuvel, Professor (H) & Head from Tamil Nadu Agricultural University visited Dr YSRHU- HRS, Anantharajupeta and discussed on the implementation of ICAR- AICRP on Fruits experiments.

DAESI trainees visited BPFU on 23rd September, 2023, Dr.T.Naga Lakshmi, Senior Scientist (Pl Pathology), explained about use of Bio fertilizers and bio agents in organic cultivation and their production technology.



On 23-09-2023, Dr.YSRHU-KVK, Venkataramannagudem conducted exposure visit to DAESI dealers. Dr. M. Raghavendra Reddy, Scientist (SS&AC) conducted a training programme on “SOP’s on use of Agricultural Drones for spraying”.



On 25-09-2023, Dr. YSRHU-KVK, Venkataramannagudem conducted visit to Farmers Producers Organization, SARD NGO for initiating the banana value addition and waste utilization machinery to farmers under SC sub plan. This program was coordinated by Dr. Venkata Satish Kuchi, scientist (Horticulture) and Dr. K. Venkata Subbaiah, scientist, KVK, VR Gudem

Exposure Visits

Students of NS College of Horticultural Sciences, Markapur visited Dr.YSRHU-HRS, Mahanandi on 16.09.2023 as a part of their curriculum. Dr. M. Tagore Naik, Principal Scientist (Horticulture) explained about the research station activities and ongoing research work in the station.



Third year students of JC Diwakar Reddy Agricultural College, Tadipatri visited Dr.YSRHU-HRS, Mahanandi on 27.09.2023 as a part of their educational tour. Dr. M.Tagore Naik, Principal Scientist (Horticulture) explained about the research station activities and ongoing research work in the station.

Students of A.P. Social welfare for girls from the adopted village under VC to Village programme have visited the Mango Research Station, Nuzvid on 9.2023. Dr. K. Radha Rani, Principal Scientist (Hort.) and Dr. G. Sravanthi, Scientist (Ento.) have explained the research activities and nursery production of mango.



Industrial visit to the Horticulture Processing Unit for the 2nd year Horticulture Diploma students of Horticulture Polytechnic, Kalikiri to PLR Foods (P) Ltd. Sadum Chittoor district was conducted on 26.09.2023.

Students of 10th class, Z.P.High School, Indiramma Colony, Kalikiri, visited HPT, Kalikiri on 21.09.2023.



Publications

Jaswinder S. BRAR, Sanjula Sharma, Harjeevan Kaur, Harpreet Singh, E.K. Naik, Trina Adhikary (2023). Phytochemical properties, antioxidant potential Phytochemical properties, antioxidant potential and fatty acids profiling of three dragon fruit species grown under sub-tropical climate. *Not Bot Horti Agrobo* 51(3):12993.

U Sai Nishitha, R. Nagaraju, P.T. Srinivas and K. Arunodhayam. 2023. Standardization of different drying techniques for retaining the colour of Chrysanthemum flowers powder, *The Pharma Innovation Journal*, 2023; 12(9): 2791-2793.

B. , Neeraja, K. Venkata Subbaiah, V. Sudha Vani, D. R. Salomi Suneetha, K. Uma Krishna, and V. Sekhar. 2023. Studies on Guava Based Protein Enriched Fruit Leather Rollups. *Current Journal of Applied Science and Technology* 42 (29):12-19.

Book chapter

E K Naik, Vala Y.B & Vishnu moond (2023). Plant breeding and its implications in times of climate change (pp 206-218). *Recent Advance & Trends in Agriculture Science*, Vol-1 book.

Amandeep paul, E K Naik, Nirmaljit kaur (2023). Influence of girdling and root pruning vegetative growth and physiological factors of fruit trees (pp 50-54). ICAAAS: An initiative towards sustainable agriculture and allied science, ICAAAS-An edited book (vol-2), published by Astha Foundation, Meerut, U.P, India.

Rohit Chhabra, Nitika khattar, Amandeep paul and E K Naik (2023). Membrane stability: A Physiological parameter to assess stress tolerance (pp 85-88). ICAAAS: An initiative towards sustainable agriculture and allied science, ICAAAS-An edited book (vol-2), published by Astha foundation, Meerut, U.P, India.

Abstracts:

Ruth.C., Gopal.K. and Swarajyalakshmi K. (2023) Compatability of antagonists with fungicides against *Fusarium oxysporum* sp. *chrysanthemi* in 8th Asian PGPR Conference on “Beneficial microbes for Plant Health Management at UHS campus, GKVK, Bengaluru” from 19-09-23 to 21-09-2023. Abstract cum Souvenir page No. 152.

Kottam Sushma, Gopal.K., Ruth.Ch. and Arunodhayam K. (2023) Biostimulants – a key player in plant disease management in 8th Asian PGPR conference on “Beneficial microbes for Plant Health Management at UHS campus, GKVK, Bengaluru” from 19-09-23 to 21-09-2023. Abstract cum Souvenir page No. 207.

Patron: **Dr T.Janakiram**, Vice-Chancellor
Editors: **Dr.A.S.Padmavathamma**, Dean of Horticulture
Dr L. Naram Naidu, Director of Research
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Dr E. Karuna Sree, Director of Extension
Sub-Editor : **Sri K.Ratna Kishore Babu**, Public Relations Officer
Dr Y.S.R. Horticultural University
Administrative Office, Venkataramannagudem-534 101,
West Godavari district, Andhra Pradesh
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