



Fortnight Focus

- The Events
- Education
- Research
- Extension
- General

From Vice-Chancellor's Desk

UDYANA YATRA-HORTI TOURISM

Dr. YSR Horticultural University (Dr YSRHU) under new initiative launched “Udhyana Yatra-Horti Tourism” in Dr.YSRHU on 15th Foundation Day (26th June 2022) of Dr.YSRHU at University campus, Venkataramannagudem, West Godavari district, Andhra Pradesh. Udyana Yatra programme was flagged off by Dr.Ajay Kallam, IAS, Principal Advisor to Chief Minister, Govt. of AP in the presence of Dr.T.Janakiram, Vice-Chancellor, Dr.YSRHU for the benefit of Students, Farmers, NGOs and stakeholders.

In the light of growing thrust on Horticulture and allied sectors, this novel programme “Udyana Yatra-Horti Tourism” is initiated to showcase the technologies developed by Dr.YSRHU and to create awareness on the opportunities in Horticulture and allied sectors.

Dr.YSRHU-Udyana Yatra – Horti Tourism includes visit to KVK Demo Blocks, Mushroom Unit, Honey Bee Centre, Dry Flower Technology Unit, Horti-Millet Unit, Agromet, Bio Control Unit, Centre of Excellence, Nutri Garden, Museum, Integrated Farming System Unit, Post Harvest Processing Unit, Dr.B.P.Pal Rose Garden, Dhanwantari Park and College of Horticulture besides interaction with scientists and teachers of Dr.YSRHU



30/June
Dr T.Janakiram
 Vice-Chancellor

The Events

Dr.YSRHU 15th Foundation Day

Dr.YSR Horticultural University 15th Foundation Day” was celebrated on 26th June, 2022 under the chairmanship of Dr.T.Janakiram, Vice-Chancellor. Dr.Ajay Kallam, Principal Advisor to Chief Minister, Govt. of AP participated as chief guest and delivered the foundation day lecture. All university officers, teaching and non-teaching staff of Dr.YSRHU have participated in the programme



On this occasion Dr. YSRHU –KVKs intervened progressive farmers Sri Vanka Raju, Ravigudem West Godavari district (KVK, Venkataramanagudem), Sri Mullawada Kamalakar Rao, Vetukuru, East Godavari district (KVK, Pandirimamidi), Shri N.Subramanyam, Yathaluru Tirupati district (KVK, Periyavaram) and Mule Ramananda Reddy, Obulapuram, YSR Kadapa district (KVK, Vonipenta) were felicitated.



Udyana Yatra—Horti Tourism



Udhyana Yatra program was launched by Dr.Ajay Kallam, IAS, Principal Advisor to Chief Minister, Govt. of AP in the presence of Dr.T.Janakiram, Vice-Chancellor, Dr.YSRHU, Dr.B.Srinivasulu, Director of Extension, Dr. K.Gopal, Registrar, Dr.L.Naram Naidu, Director of Research, Dr.D. Venkata Swamy, Controller of Examinations, Dr.A.S. Padmavathamma, Dean of Horticulture, Dr. K.Uma Jyothi, Dean of Student Affairs, Dr.E.Karuna Sree, PS & Head, KVK and the students from Govt. Degree College, Ganapavaram and Pentapadu were present. Brochure and kit was released by the Chief Guest on 26 June 2022.



International Yoga Day

Dr.YSR Horticultural University celebrated 8th International Day of Yoga-2022 with the theme “Yoga for Humanity” on 21 June 2022 at CoH, Venkataramannagudem. Dr.T.Janakiram Hon’ble Vice-Chancellor, Dr.YSRHU graced the occasion as a Chief Guest and addressed the gathering about the scientific importance of doing Yoga every day for good health, immunity, release of



physical, mental stress and protection from several acute and chronic disorders. All the University officers participated Yoga Asanas. Dr.D.R.Salomi Suneetha, Dean of Student Affairs (FAC) acted as Chairman of the programme and it was convened by Dr.M.Madhavi, Associate Dean, Dr.A.Harsha Vardhan, NSS Programme Officer and NSS Volunteers of College of Horticulture, Venkataramanna-gudem. The students and staff attended the programme and the prizes were distributed to the winners of the competitions in the Yoga.



MoU

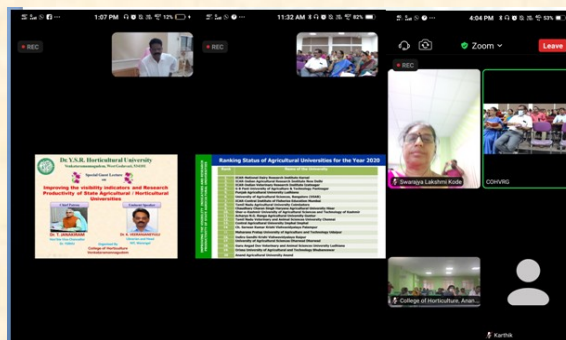


Dr.YSRHU-KVK, Venkataramannagudem and Govt. Degree College, DR Goenka Degree College, Tadepal-ligudem and Govt Degree College, CHL Varaprasad Raju College, Pentapadu has exchanged the Memorandum of Understanding (MoU) for skill development and faculty development. In this program, Dr.B.Srinivasulu, Director of Extension, Dr.E.Karuna Sree, PS & Head, Dr.A.Devivaraprasad Reddy, Dr.V.Deepthi, Dr.Chaitanya, Lecturer, Dr.Vani, Lecturer, Ms. Kanka Durga, Lecturer, Mr. Pandu, Lec-turer have participated in the program on 25 June 2022.

Education

Guest lecture

All the faculty of Dr.YSRHU-CoH, Anantharajupeta participated in the special guest lecture on “Improving the visibility indicators and research productivity of state Agricultural / Horticultural universities”, on 24 June 2022. Dr. K.Veeranjaneyulu, Librarian & head, NIT, Warangal, gave a guest lecture on improving the university ranking. He also interacted with PG & PhD students and explained about plagiarism, Publications in Scopus journals, NAAs rated journals, features and use of CeRa in library. He also explained open journals etc.



On 24 June 2022, Dr.YSRHU-CoH, Venkataramannagudem organised hybrid mode special guest lecture on “Improving the visibility indicators and research productivity of state Agricultural/ Horticultural Universities”. Dr. K. Veeranjaneyulu, Librarian & Head, NIT-Warangal attended as Guest speaker and enlightened the staff on ICAR ranking system and how to improve the score for ranking of the institute, etc. and students on access of free journals, books and plagiarism rules, etc. University Officers Dr. A. S. Padmavathamma, Dean of Horticulture, Dr.YSRHU, Dr. K. Uma Jyothi, Dean of PG studies & University Librarian, Dr YSRHU, Dr. K. Gopal, Registrar, Dr YSRHU, Associate Deans & teaching staff of constituent colleges, Heads & Scientists of the Research stations and PG students of CoH, Venkataramannagudem and College of Horticulture, Anaharajupeta participated in the programme. Dr. M. Madhavi, Associate Dean co-ordinated the programme.

Extension Activities

Vice-Chancellor to Village Activities

Department of PSMA, Dr.YSRHU-CoH, Anantharajupeta organized one day training program on “Medicinal and Aromatic crops and their value addition” for farmers under VC to Village program in collaboration with CISR-CIMAP, Regional Centre Hyderabad. Dr.B.Srinivasulu, Associate Dean, welcomed all the farmers, University officers- Director of Extension, Dr.B.Srinivasulu and Dean of Horticulture, Dr.A.S. Padmavathamma, addressed the gathering on importance of Medicinal plants by virtual mode. The Scientists from CIMAP, Dr.E.R.G.D. Kiran Babu, Principal Scientist & Head, Dr. G.Kotesh Kumar, Principal Scientist and K.V.S.S. Srinivas explained the farmers about the cultivation, Value addition of medicinal and aromatic plants. Village Sarpanch Sri M.Eswaraiah, Mandal Agriculture officer Sri E. Srirtamulu, Sri Madhu, Village Librarian, P.Yashwanth, Village Horticulture Assistant, Staff of Grama Shivalyam and 60 farmers participated in this program. Farmers from previous adopted village, Sri Venkatrama Raju, Progressive farmer, Sri Subbarayudu, Director, Rainbow Agrovet Seri technologies ltd also participated in the program. Dr.K. M.Yuvaraj, Prof and Head, Dept. of PSMA, Dr.G. Thanuja Sivaram, Assoc. Prof. (Hort), Dr.G.Chandra Mohan Reddy, Asst. Prof (Hort), Dr.G.Rajeswari, Asst. Prof. (Ento), Dr.Ch.Ruth, Prof. (PI Path), Dr. K.Swarajya Laskshmi Prof. (Hort) co-ordinated the programme.



On 18 June 2022, Dr.YSRHU-KVK, Periyavram conducted training programme on “Nutri Smart Horticulture” at RBK of adopted village Aarmenipadu to the farmers and farm women. The farmers acknowledged on the cultivation of alternate crops like Nutricereals (Millets) and establishment of homestead Nutrigardens for improving the availability, accessibility and utilization of organically cultivated vegetables, leafy vegetables and fruits to the farmers to ensure the food and nutritional security in rural areas. Dr.B.Vijayasree, Scientist (Home Science) co-ordinate the programme.



On 23 June 2022, farmers from adopted village of Arimenupadu, visited the KVK, Periyavaram, Venkatagiri, Tirupathi District. Dr. B. Govinda Rajulu explained about pest and Disease management and Dr. D. Thirupal, Scientist (Horticulture) explained about fertilizers management in Sweet Orange & Acid lime crops. Dr. B. Vijayasree, Scientist (Home Science) and Dr. P. Nagarjuna Reddy Scientist (Agriculture Extension) were participated.

On 24 June 2022, Dr.B.Vijayasree, Scientist (Home Science) conducted Training programme on Nutritionally enriched products by using Moringa leaf to Tribal women of adopted village at Anganwadi centre, Aarmenipadu, Ozili (M). The women were enlightened on significance of Moringa leaf and its nutritional importance in reducing the anaemia and malnutrition among women, children and adolescent girls. Also explained to the mothers and Anganwadi teachers on different nutritionally enriched products prepared by using moringa leaf like Moringa based Millet biscuits, Moringa chikki, dhal with moringa leaf, rotis and chapatis with moringa leaf for ensuring nutritional security in rural and tribal areas.



On 29 June 2022, conducted PRA through Social & Resource mapping (Village Mapping) and displayed poster on "Vice-chancellor to Village Programme" at RBK, Arimenupadu (V), Ojili (M), Tirupathi Dist. Dr. P. Nagarjuna Reddy, Scientist, (Agril. Extension), Dr.B.Vijayasree, Scientist (Home Science) and Dr. D. Thirupal, Scientist (Horticulture) coordinated with VHA of RBK, officers of village secretariat, farmers and farm women for conducting the programme.

Dr.Ch.Ruth, Prof. (Pl.Path), Dr.K.Swarajya Lakshmi, Professor (Hort.) and Sri. Y. Ravisankar, Physical Director along with PG & Ph.D students organized International Day of Yoga at Y.Kota village for children's and adults, by yoga master Sri. Venkta Siva, on 21 June 2022, and also explained about importance of yoga, pranayama, in maintaining health and explained about cleanliness for Protection of health.



On 21 June 2022, Dr.YSRHU-KVK, Venkataramannagudem has organized Vice Chancellor to Village programme. All the scientists Dr. E. Karuna Sree, Dr. K. Venkata Subbaiah, Dr. Devi Vara Prasad Reddy, Dr. Deepthi, Dr. M Raghava and Dr. Venkata Satish Kuchi, had participated in farmers scientists interaction program in adopted village Polasanipalli, Dwaraka Tirumala mandal under VC to village programme on different aspects such as cultivation of horticultural crops, importance of fisheries later on provided the red okra seed, fungicide and yellow sticky traps to vegetable growers.



On 29 June 2022, Dr. Venkata Satish Kuchi and Dr. E. Karuna Sree organized one day training programme on Cultivation of Leafy vegetables in adopted village Polasanipalli, Dwaraka Tirumala mandal under VC to village programme. Dr. M.Ravindra babu had attended as resource person. Distributed leafy vegetable seed to farmers and released pamphlet.

On 27 June 2022, Dr. N. Srividya Rani, Scientist & Head, Dr. M. Harshitha, (Soil science) and Dr. Sri Kanthi Sri, (Home science), KVK, Vonipenta interacted with the farmers and farm women and explained the farmers about various programmes at Somireddypalli village of B. Matam mandal.



Gramasabhas

Institutes under Dr.YSRHU have conducted “Grama Sabhas” in adopted villages under Vice-Chancellor to Village programme for the year 2022-23 and interacted with farmers youth and women, Village Horticultural Assistants / Village Agricultural Assistants of RBKs and prepared adopted village wise plan of action



Training Programmes

Dr. A. Snehalatha Rani, Scientist (Pl.Path.), HRS, Kovvur as resource person participated District level training programme for officers and farmers from 13th to 17th June, 2022 at RHTI, Bobbili, Vijayanagaram district and imparted training in FAO-ICAR Govt. of AP Technical Cooperation Programme on 'Strengthening Capacities of the Govt. of Andhra Pradesh to support farmers for adopting sustainable Agri-Food Systems'.



Dr. A. Snehalatha Rani, Scientist (Pl.Path.), HRS, Kovvur and Dr. B. Ramesh Babu, Senior Scientist (Hort.) HRS, V.R.Gudem participated District level training programme for officers as resource persons on 20 & 22 June, 2022 at RHTI, Ongole, Prakasham district respectively.

Dr.C.VenkataRamana, Senior Scientist (Hort) as a resource person, Dr. A. RadhikaRamya, Scientist (GPBR), Dr. J.Phani Kumar, Scientist (Hort) attended training programme on Nursery management and nursery Act - 2010 conducted by Horticulture department, Andhra Pradesh at Agricultural marketing committee, Guntur on 16 June 2022

Dr.K. Giridhar, Principal Scientist (Hort) and Dr. K. Sireesha Senior Scientist (Ento) attended as resource persons through online for all Horticultural officers, VHAs and VAAs and progressive farmers for training on preparedness for the management of balckthrips in chilli on 17 June 2022.

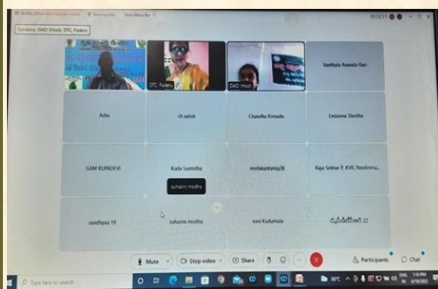


On 21 June 2022 Dr.B.Govindarajulu, Principal Scientist & Head and Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) conducted National Campaign on "Efficient and Balanced use of fertilizers". Dr.M.A.Aariff Khan, Director, University Institute of Agriculture and Horticulture participated as Chief Guest and enlightened farmers on integrated nutrient management practices, importance of Bio-fertilizers, vermicompost usage and organic manures for increasing the fertility of soil, intercropping system with pulses, oilseeds and Marigold in Acid lime. Created awareness on Agro-forestry cultivation with Subabul, Eucalyptus and Casurina which suitable for Nellore Dist.Dr.B.Vijayasree, Scientist (Home Science) and Dr. D. Thirupal, Scientist (Horticulture) participated in the programme.

On 28 June 2022, Dr.YSRHU-KVK, Pandirimamidi initiated 5 days skill training program on Rubber tapping and Processing at Peerukonda village of Rampachodavaram mandal. Dr.S.Adarsha Scientist (Entomology) and Dr.T. Kranthi Kumar Scientist (Horticulture) from Krishi Vigyan Kendra, Pandirimamidi coordinated the program. Explained about Identification of Rubber trees that attained tappable girth, marking of trees for tapping and equipment required for tapping, processing. Sri Venkateswara Rao, FM, Rubber Board, Rampachodavaram, Master trainers MVN Reddy and Sambhu Reddy from Poojaripakala and 45 Rubber growing farmers participated the program.



On 17 June 2022, Dr.YSRHU-KVK, Pandirimamidi has conducted Off-campus Training cum Awareness programme on Rainwater harvesting techniques with slogan on “Catch the Rain” as part of Jala Shakti Abhiyan – 2022 at Yarlagadda village of Y.Ramavaram mandal and important different methods of Rain water harvesting for domestic and agricultural purpose. Sri P.Raja Sekhar, Scientist (SSAC) coordinated this programme in which public representatives like Sri Kadabala Anandarao, MPP, Smt.K.Venkata Lakshmi, ZPTC, Smt.V.Subbalakshmi, MPTC, Sri Pattabhiram, Mandal Agricultural Officer, Y.Ramavaram and 65 farmers were participated.



On 18 June 2022, Dr.YSRHU-KVK, Pandirimamidi in collaboration with DRC, Paderu division of Alluri Seetharamaraju District has conducted virtual training programme on Rainwater harvesting techniques and Soil and water conservation measures as part of Jala Shakti Abhiyan – 2022 with theme on “Catch the Rain”. Total 68 members including farmers, VHAs and VAAs of Alluri Seetharamaraju District were attended virtually. Sri P.Raja Sekhar, Scientist (SSAC) coordinated this training programme.

On 28 June 2022, Dr.YSRHU-KVK, Pandirimamidi has conducted Off-campus training programme on “Nutrient management in Agri./Horticultural crops” at Kutakarai village of Devipatnam mandal. Scientists explained about balanced use of organic and inorganic fertilizers with more emphasis on use of pulse crops as green manuring under organic farming in Tribal area and also interacted with farmers regarding diversity of crops, cultivation aspects and need based interventions, training programmes etc. to be focused to uplift the farmers economically and provided seeds of green manure crops. Sri P.Raja Sekhar, Scientist (SSAC), and Dr.N.Chiranjeevi, Scientist (Plant Pathology), Dr.YSRHU-KVK, Pandirimamidi coordinated this training programme. Total 32 farmers have participated.



On 17 June 2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), KVK, Venkataramannagudem conducted training programme to farmers on improved new varieties of Paddy and scientific soil & water sampling techniques. Mr Tata Rao, DPM, Bhimavaram attended the meeting and distributed paddy seeds for OFT (on farm trials) in Jagannadhapuram village.

On 21 June 2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU-KVK, Venkataramannagudem conducted training programme to farmers on “Efficient and Balanced use of fertilizers (including Nano fertilizers)”. Dr E Karuna Sree, Principal scientist & Head explained the KVK service to farmers. All scientists from KVK Venkataramannagudem were attended the programme.



On 30 June 2022 Dr M. Raghavendra Reddy, Scientist (SS&AC), KVK, Venkataramannagudem conducted training programme to farmers on “Improved practices in nursery preparations of Paddy” and explained the use of Biofertilizers to Paddy for main field in Arjavari Gudem, Bheemadolu Mandal. Mrs Usharani Agricultural Officer, Bheemadolu attended the programme and interacted with farmers on nutrients management for Paddy.



On 27 June 2022, Dr. N. Srividya Rani, Scientist and Head, Dr. M. Harshitha, (Soil science) and Dr. Sri Kanthi Sri, (Home science), Dr. YSRHU-KVK, Vonipenta conducted awareness programme to the women on “Value-addition of fruits and vegetables at Somireddipalli village of B. Matam mandal.

ICAR-SCSP

At Dr. YSRHU-CRS, Tirupati as a part of ICAR- AICRP (fruits) Scheduled-caste sub plan programme crop inputs (Pesticides, fertilizers, banana bunch sleeves, water soluble fertilizers) were distributed to SC Beneficiaries at Ralla Cheruvupalli and Pedda Orampadu villages, Obulavarapalli Mandal of YSR Kadapa District on 18 June 2022. The inputs were distributed by Dr. K T Venkata Ramana, Zonal Research Head (Rayalaseema Zone) and programme was organized by Dr. R. Nagaraju Principal Scientist & Head, Dr. L. Mukunda Lakshmi, Senior Scientist (H) and Dr. D. Srinivasa Reddy, Senior Scientist (Ent) of CRS, Tirupati and also demonstration of bunch sleeves and spraying of SOP as fruit care activity was carried out.



Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has distributed the cassava planting material (PDP CMR-1, Sree Raksha and Sree Shakthi) to SC farmers on 21st and 24th June, 2022 for 15 acres under SCSP and also distributed for 2.5 acres to general farmers on 25 June, 2022.

Technical Support to RBK

Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram has provided the technical support to RBK staff of Mallavaram, Gokavaram mandal, East Godavari district by distributing the cassava pamphlets on “Cassava varieties and their performance” (Telugu) on 21 June, 2022.



Demonstrations

On 18 June 2022, Dr Y. Sharath Kumar Reddy, Scientist (Pl. Phy) and G. Sandeep Naik, Scientist (Pl. Path), Dr.YSRHU-HRS, Anantharajupeta conducted method demonstration on fortification of Arka Microbial Consortium (AMC) in FYM at P. Kammapalli Village of Obulavaripalli mandal. During the programme Scientists explained about uses of AMC in crop growth, for quality production, methods and dosage of application and precautions to be taken at the time of fortification and application. They visited Papaya fields and suggested to spray Urea @ 10g + Zinc sulphate @ 2.5g + Boron @ 1.5g per liter at 20 days interval to get higher and good quality yields.



On 16 June 2022, Dr.YSRHU - KVK, Venkataramannagudem initiated front line demonstration (FLD) on “Demonstration of concentrate feeding to pregnant ewes/does and creep feeding to lambs/kids”. In this Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) KVK, Venkataramannagudem explained about importance of concentrate feeding to pregnant sheep/ goat during last trimester of pregnancy and creep feeding and then distributed concentrate feed to ten farmers of Bandarlagudem village, Buttaigudem mandal.

On 27 June 2022, Dr. N. Srividya Rani, Scientist and Head, and Dr. M. Harshitha, (Soil science) Dr. Sri Kanthi Sri, (Home science), Dr.YSRHU-KVK, Vonipenta conducted a method demonstration on soil sample collection at Somireddypalli village of B. Matam Mandal. Dr. M. Harshitha, (Soil science) explained the farmers how to collect the soil and how to do quartering method to get the soil sample which represents the entire field. Soil samples were collected from different farmer’s field for soil testing. Total 15 farmers participated in the demonstration.



Front Line Demonstrations

On 27 June 2022, Dr.SrividyaRani. N, Scientist & Head, Dr.YSRHU-KVK, Vonipenta visited Rajasri poultry breeds under FLD on “Assessment on performance of Rajasri poultry breeds as dual purpose backyard poultry” for follow up at Somireddypalli village of B.Mattam mandal. The scientist observed that the farmer is following the quality management practices, birds appeared in good body condition with an egg laying capacity of 15-18 per month.



On 28 June 2022, P.Raja Sekhar, Scientist (SSAC), and Dr.N.Chiranjeevi, Scientist (Plant Pathology), Dr.YSRHU-KVK, Pandirimamidi has visited brinjal field under FLD on INM in Brinjal and observed root rot due to excessive moisture conditions and recommended to follow earthing up to avoid over watering and to drench the soil with Ridomil @ 3 g./lt. at 4-6 days interval.

Health Camp

On 16 June 2022, Dr.YSRHU-KVK, Venkataramannagudem conducted health camp under TSP scheme at Pandugudem village, Buttaigudem mandal. In this Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) KVK, Venkataramannagudem explained adverse effects of internal parasites and external parasites in sheep and goat during rainy



season and deworming was done to 229 goats and also distributed ectoparasiticides, calcium tonics, mineral & vitamin supplements to farmers. In this, also visited aseel poultry units distributed under Tribal Sub Plan (TSP) Scheme 2021-22 and now they are in laying stage.

Diagnostic Visits

Dr.T.Vijaya Nirmala, Scientist (Veterinary Science) KVK, Venkataramannagudem conducted follow up visit to Black bengal goat units distributed under Attracting and Retaining Youth in Agriculture (ARYA) project during 2021-22 at Bandarlagudem village, Buttaigudem mandal on 16 June 2022. In this health condition of Black bengal goat was observed and suggested precautions to be taken during rainy season to protect from diseases.



On 30 June 2022, Dr M. Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU - KVK, Venkataramannagudem visited paddy nurseries in Arjavari Gudem, Bheemadolu Mandal, diagnosed less growth of seedlings due to P deficiency in the nursery plot and recommended to use SSP + FYM to apply in the main field during field preparations for transplanting. Also recommended to change the nursery plot to other area in the

field & apply SSP during soil preparation for nursery establishment. Recommended to use $ZnSO_4$ in Paddy nurseries.

Mr.E.K.Naik, Scientist (Hort.), Dr.YSRHU - CRS, Petlur visited 3 years old acid lime orchard in Amuduru village, Venkatagiri mandal, observed micronutrient deficiency, recommended farmer to spray micronutrients on 22 June 2022.



On 17 June 2022, Dr.YSRHU-KVK, Pandirimamidi has conducted field day on Groundnut var.Kadiri chitravathi as part of CFLDs on Oilseeds under NFSM - 2021-22 at Yarlagadda village of Y.Ramavaram mandal and provided groundnut stripper to the beneficiary farmers under TSP followed by hands on training on Pod separation using groundnut stripper in the field. Sri P.Raja Sekhar, Scientist (SSAC) coordinated this programme.

Total 34 farmers have participated.

Dr.Ch.Ruth and Dr.K.Swarajya Lakshmi, CoH, Anantharajupeta visited banana field of Mukka Srikanth Reddy at Mukka varipalli (V) of Obulavaripalli (M), on 22 June 2022 and observed Sigathoka leaf spot in banana to remove all infected leaves and spray carbendazim + Mancozeb, @ 2 gm per litre of water followed by Propiconazole @ 2ml /L of water at 15 days interval/.



Dr. M.Ramaiah, Prof. (Ento), Dr. V.N.P.Sivarama Krishna Assoc. Prof (Horti). and Dr.K.Arunodayam,Asst. Prof (Pl Path), CoH, Anantharajupeta visited Horticultural orchard of Sri. M. Subramanyam Reddy at Balreddypalli village on 30 June 2022 and identified diseases sooty mold, red rust in mango, Diplodia fruit rot in Ramaphal, greasy leaf spot in sweet orange and grey blight in coconut etc. and suggested the farmer with suitable management practices.

On 16 June 2022 and 18.06.2022, G Sandeep Naik, Scientist (Plant Pathology) and Dr Y. Sharath Kumar Reddy, Scientist (Pl. Phy), Dr.YSRHU-HRS, Anantharajupeta had visited Mango orchard and conducted survey for the disease incidence and severity in Mango at CM Rachapalle, Mukkavaripalli and P.Kammapalle villages.



On 18 June 2022, Dr Y. Sharath Kumar Reddy, Scientist (Pl. Phy), Dr.YSRHU-HRS, Anantharajupeta had visited Mango orchard and conducted survey regarding fruit and yield attributes as a part of "Assessing the effect of climatic variability on mango flowering and yield in Mango" at P.Kammapalle village.

Dr. K. Ravindra Kumar, Senior Scientist (Hort.) and Dr.Ch.S.Kishore Kumar, Senior Scientist (PP) conducted field diagnostic survey in Elephant foot yam crop in Kumaradevam village on 28 June 2022 and observed collar rot disease and micronutrient deficiencies and suggested suitable remedial measures i.e., drenching the basal part of the stem with Copper oxy chloride @ 3g/lt. and foliar spray of Elephant foot yam special @ 5ml/lt. along with 0.5 ml adhesive respectively for its control.



Dr.K.Giridhar, Principal Scientist (Hort), Smt.T.Vijaya Lakshmi, Senior Scientist (Path), Dr. K. Sireesha Senior Scientist (Entomology), Dr.B.TanujaPriya, Senior Scientist (Hort), Dr. Naga Lakshmi, Senior Scientist (Hort), Dr. A. RadhikaRamya, Scientist (GPBR), Dr. J.Phani Kumar, Scientist (Hort) Dr. Y. Kavya, Scientist (Microbiology) attended diagnostic field visit in the acid lime fields of adopted village and suggested control measures against pests and diseases on 28 June 2022.

Dr.C.Venkata Ramana, Senior Scientist (Hort.), HRS, Lam attended crop failure inspection of bhendi fields in Mamillapalli village of Ponnurmandal and Manchikalapudi village of Duggiralamandal in Guntur district to ascertain reason for crop failure on 28 June 2022

Dr.P.Ashok, Senior Scientist (Hort.) & Head, HRS, V.R.Gudem conducted exploration trip for unique jack fruit accessions in Palasa, Mandasa, Haripuram, Amalpadu and Vazrapukotturu areas of Srikakulam on 23 June 2022. Fifteen genotypes with specific characters were identified and fruits were collected for further quality analysis.



On 16 June 2022, Dr.B.Vijayasree, Scientist (Home Science), Dr.YSRHU-KVK, Periyavaram conducted Field visit to Nutrigarden(Amaranthus field) at Jangalapalli (vill),Venkatagiri (M),Tirupathi district. The farmer beneficiaries are provided with awareness on regular intake of vegetables, fruits and leafy vegetables in the diet to reduce micro nutrient deficiencies and malnutrition among women and children in rural areas. The beneficiaries also acknowledged on importance of organic cultivation in establishment of nutrigardens.

On 25 June 2022 Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram conducted a field visit to Acid lime orchard at Chinnapureddypalli Village, Venkatagiri mandal, Tirupathi District. Identified Citrus canker diseases in Acid lime and suggested that spraying of Blitox @ 30 g + Streptocycline @ 1 g/10 liters of water twice in 20 days intervals.



On 27 June 2022 Diagnostic field visit was conducted in Acid lime orchards at Chinthalathmakur village, Kaluvai Mandal, Nellore District. Identified the Longitudinal bark wood splitting as a major disease. Suggested drenching of tree basins with Tebuconazole @ 2ml/liter of water/sqm. Area. Dr. B.Govinda Rajulu, Principal Scientist and Dr.YSRHU-KVK, Periyavaram, Sri. Suresh, H.O Kaluvay mandal, Dr. D. Thirupal, Scientist (Horticulture) and Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension) participated in the activity.

Field visit to Coconut Orchard conducted on 28 June 2022 at Pularangadupalli village, Venkatagiri mandal.Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram, Identified Rhinoceros beetle infestation on Coconut trees & suggested hanging of Napthalene balls in polythene cover @ 12grams/tree (2 balls/tree) on crown region.



On 28 June 2022 Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU-KVK, Periyavaram, Tirupathi (Dt.) visited the Mango orchard at Pularangadupalli village, Venkatagiri mandal. Identified the sooty mold disease & suggested spraying of COC @ 3g/l + Monochrotophos @ 1.6ml/l.

On 27 June 2022, K.Veeranjaneyulu, Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi has conducted diagnostic filed visit cum group meeting with fishermen society members observed aquatic weeds and predatory fishes and recommended manual weeding methods and T seed cake@50 kg per acre, later explained about pre stocking methods like seed selection, Manuring and water filling methods.



On 29 June 2022, K.Veeranjaneyulu, Scientist (Fisheries), Dr.YSRHU-KVK, Pandirimamidi has conducted diagnostic filed visit to Fish and shrimp tanks, observed over shells in shrimp tanks and recommended organic copper @2 kg per acre along with sand for the management of over shells. Also visited fish poly culture tank, identified uneven construction methods and inlets and out lets structures. Suggested proper fish pond construction methods and inlets and out lets designs. Further interacting with fish farmer discussed about pre and post stocking methods of fish pond management methods.

On 25 June 2022, Sri P.Raja Sekhar, Scientist (SSAC), Dr.YSRHU-KVK, Pandirimamidi has visited Oil palm orchards as part of FLD on ICM in Oil palm at Papampeta village of Addateegala mandal and observed neglected orchards and suggested the farmer about proper collection, storage of farm yard manure and its time, method and quantity for field application and also explained pit method to follow where as qualitative losses occurs under open heap method during rainy season.



On 24 June 2022 Dr. M. Harshitha, Scientist, (Soil Science) and Dr. S. Firoz Hussain, Scientist (Horticulture), Dr.YSRHU - KVK, Vonipenta visited the pomegranate orchard of the farmer and observed wilt and irregular flowering in pomegranate. We suggested the farmer to uproot and burn the wilt infested plants and to do de-blossoming in entire orchard so as to induce flowering during *hastha bahar* (September to October). Suggested to spray Tilt @ 2ml/litre and Bavistin @ 2gm/litre for control of wilt.

On 27 June 2022, Dr. N. Srividya Rani, Scientist and Head, Dr. M. Harshitha, (Soil science) and Dr. Sri Kanthi Sri, (Home science), Dr.YSRHU - KVK, Vonipenta conducted a diagnostic visit in guava field at Somireddypalli village of B. Matam Mandal. Observed potassium deficiency on leaves and stone fruit formation in the field and nematode infestation in the fruits and scientists suggested the plantation of marigold in between the rows of guava to prevent nematode infestation in fruits.



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 June, 2022 (3-4 PM).

Date	Topics
16.06.2022	పసుపులో సమగ్ర పోషక యాజమాన్యం డా.ఎం.హర్షిత, శాస్త్రవేత్త, కె.వి.కె, ఒనిపెంట
17.06.2022	అరటిలో అధిక దిగుబడులకు సమగ్ర పోషక యాజమాన్యం డా.జి.రామానందం, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, కొవ్వూరు
18.06.2022	ఉద్యాన పంటలలో యాంత్రికరణ అవశ్యకత శ్రీ పి.సి.వెంగయ్య, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, పందిరిమామిడి
20.06.2022	చీని, నిమ్మ తోటలలో సమగ్ర యాజమాన్యం డా.ఆర్.నాగరాజు, ప్రధాన శాస్త్రవేత్త & హెడ్, చీని, నిమ్మ పరిశోధన స్థానం, తిరుపతి
21.06.2022	కంద, చేమ, పెండలంలో ఎరువుల యాజమాన్యం డా.కె.మమత, ప్రధాన శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, కొవ్వూరు
22.06.2022	జీడిమామిడిలో జీడి కాండం మరియు వేరుతొలుచు పురుగు నిర్వహణ డా.బి.నాగేంద్ర రెడ్డి, శాస్త్రవేత్త, జీడిమామిడి పరిశోధన స్థానం, బాపట్ల
23.06.2022	పనస పండు ఉత్పత్తి మరియు కోత అనంతర యాజమాన్య పద్ధతులు డా.పి.అశోక్, సీనియర్ శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం
24.06.2022	మునగాకు విలువ ఆధారిత ఉత్పత్తులతో ఆరోగ్యం మరియు వ్యవస్థాపకత అభివృద్ధి డా.బి.విజయ శ్రీ, శాస్త్రవేత్త, కె.వి.కె, పెరియవరం
25.06.2022	పుట్టగొడుగుల పెంపకం – వివిధ రకాలు, వాటిని పెంచే విధానం, పోషక ఉపయోగాలు డా.బి.ఎస్.కంతి శ్రీ, శాస్త్రవేత్త, కె.వి.కె, ఒనిపెంట
27.06.2022	వర్షాకాలంలో చీని, నిమ్మ తోటల యాజమాన్యం డా.బి.గోవింద రాజులు, ప్రధాన శాస్త్రవేత్త & హెడ్, కె.వి.కె, పెరియవరం
28.06.2022	దానిమ్మలో పాటించవలసిన సమగ్ర సస్యరక్షణ డా.కె.సుబ్రహ్మణ్యం, ప్రధాన శాస్త్రవేత్త & హెడ్, ఉద్యాన పరిశోధన స్థానం, మహానంది
29.06.2022	ఖరిఫ్ లో ఔషధ మొక్కల సాగు డా. డి.అపర్ణ, శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, వెంకటరామన్నగూడెం
30.06.2022	కొబ్బరిని ఆశించే పురుగుల యాజమాన్యం ఎన్. బి.వి చలపతిరావు, ప్రధాన శాస్త్రవేత్త, ఉద్యాన పరిశోధన స్థానం, అంబాజీపేట

“Udyana Vani” programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following “Udyana Vani” Programs during the second fortnight of June, 2022.

Date	Topics
16.06.2022	వర్షాకాలంలో వేయదగ్గ పూల తోటలు చేపట్టవలసిన యాజమాన్య పద్ధతులు
17.06.2022	ఉల్లిలో ఎరువులు, కలుపు మరియు నీటి యాజమాన్యం
18.06.2022	జూన్ మాసంలో వివిధ తోట పంటలనందు చేపట్టవలసిన పనులు మరియు సూచనలు; సమస్యాత్మక భూములు—వాటి యాజమాన్యం; వర్మికంపోస్ట్
20.06.2022	చీని, నిమ్మ సాగులో మెళకువలు
21.06.2022	వాతావరణ సూచనలు; జూన్ మాసంలో వివిధ సుగంధ ద్రవ్య పంటలనందు చేపట్టవలసిన పనులు; కూరగాయ మొక్కలైన తోటకూర, పాలకూర, కొత్తిమీర & మునగ సాగులో మెలకువలు
22.06.2022	ఆయిల్ పామ్ & సుగంధ పంటల సాగులో మెలకువలు
23.06.2022	కర్రపెండలం సాగులో మెళకువలు
24.06.2022	జూన్ మాసంలో వివిధ తోట పంటలనందు చేపట్టవలసిన పనులు; పెరటి తోటల పెంపకం; మిద్దె తోటల పెంపకం
25.06.2022	గోరుచిక్కుడు, చిలగడదుంప, పెండలం మరియు కంద సాగులో మెళకువలు
26.06.2022	చేమదుంప సాగులో యాజమాన్య పద్ధతులు
27.06.2022	అరటి తోటల పెంపకంలో మేలైన యాజమాన్య పద్ధతులు
28.06.2022	పనస పండు ఉత్పత్తి మరియు కోత అనంతర యాజమాన్య పద్ధతులు
29.06.2022	కొబ్బరిని ఆశించే పురుగుల యాజమాన్యం
30.06.2022	డ్రాగన్ ఫ్రూట్ సాగులో మెళకువలు

TV Programmes

Dr. M. Ravindra Babu, Senior Scientist (Hort.), Dr.YSRHU-HRS, V.R.Gudem attended Phone in live programme on “Kharif lo Kuragayala saagu lo melakuvalu” at Doordarsan Kendra Vijayawada on 6 June 2022.

Radio Programmes

On 17 June 2022, Dr.B.Govindarajulu, Principal Scientist & Head, Dr.YSRHU-KVK, Periyavaram participated in Radio talk on Management practices in acid lime during rainy season at All India Radio station, Tirupati.

General

Sri. Vakulamata image prepared with dry flower technology at Dr. YSRHU- CRS- Tirupati was presented to Sri. Y.S. Jaga Mohan Reddy garu, Hon'ble CM, Andhra Pradesh during his visit to Tirupati for the inaugural function of Temple on 23 June 2022. The success story of women empowerment programme on dry flower skill development project was explained to Hon'ble Chief Minister by Dr. R. Nagaraju, Principal Scientist (H) and Head, Convenor where 180 number of skill trained women being benefited with the earning Rs. 10,000 to 18,000/- per month.



Meetings

Dr.L. Mukunda Lakshmi, Senior Scientist (Hort.), CRS, Tirupati and Dr. K. Sireesha Senior Scientist (Entomology), HRS, Lam participated in the FAO- ICAR – Govt of A.P Technical Cooperation Programme (TCP) on “Strengthen capacities of the Government of Andhra Pradesh to support AP farmers to adopt sustainable Agri-food Systems” District Level Training programme from 20th - 23rd June, 2022 at RHTI, Kurnool.

On 21 June 2022, Dr.R.Nagaraju, Principal Scientist & Head, CRS, Tirupati attended meeting with Sri. Dharma Reddy, EO, TTD and discussed on the ongoing activities of Skill Development Dry flower technology Unit at Dr. YSRHU – Citrus Research Station, Tirupati.

Dr. A. RadhikaRamya, Scientist (GPBR), Dr. J.Phani Kumar, Scientist (Hort) and Dr. Y. Kavya, Scientist (Microbiology), HRS, Lam attended training programme on “Statistical Techniques for Agriculturists” conducted by AgMOOC (Agricultural Massive Open Online Course), IIT, Kanpur through virtual mode from 31 May to 30 June 2022.

All the scientists of HRS, Lam attended in Special Guest lecture on Improving visibility indicators and research productivity of state Agricultural/Horticultural Universities on 24 June 2022 through virtual mode.

Visits

State endowment Additional commissioner Sri. Ramachandra Mohan, Deputy commissioner Sri. Chandra Sekhar Azad and IT managaer Sri. Prasada Rao and team visited dry flower technology Unit Dr.YSRHU – CRS, Tirupati on 25 June 2022 and interacted with the women on hands on dry flower technology and appreciated the ongoing women employment activity created by TTD and Dr YSRHU for the benefit of needy women. Dr. R. Nagaraju, Principal Scientist (H) and Head, Convenor, Smt. Vishnuja, Res. Associate explained about the project to the officers.



Ravindra Degree College for Women, Kurnool students visited Dr.YSRHU-HRS, Mahanandi on 28 June 2022. During their visit Dr. K. Anil Kumar, RA, Entomology explained them about the research station activities and ongoing research work in the station.

Dr. T. Janakiram, Hon'ble Vice Chancellor, Dr. YSRHU and Dr. L. Naram Naidu, Director of Research, Dr. YSRHU visited the Cashew Research Station, Bapatla on 30 June 2022 and observed the different activities going on at CRS, Bapatla



On 20 June 2022, 3rd year B.Sc (Ag) students of S.V Agricultural College, Tirupathi visited HRS, Anantharajupeta. Dr. D. Sreedhar, Scientist (Hort), HRS, Anantharajupeta along with Dr. K. Arunodayam, Assistant Professor (Plant Pathology), CoH, Anantharajupeta explained about brief history of Research station and ongoing experiments.

Nineteen Students of SVRK Government Degree college, Nidadavole along with two faculty members visited HRS, Kovvur on exposure visit on 23.6.2022 and interacted with the scientists. The Scientists briefed about the ongoing research activities pertaining to Banana and Tuber crops and Banana Tissue culture plant material production



Sri P.Devullu, ANGRAU Board member has visited at Dr.YSRHU -KVK, Pandirimamidi on 25 June 2022. In this programme Dr S. Adarsha, Scientist and Head (I/C) explained about Dr.YSRHU-KVK activities and ongoing projects. Later he has visited Dr.YSRHU-KVK demo units of cashew nursery, Poultry unit, Azolla unit, Goat rearing unit and Mushroom unit, every scientist has explained their individual concerned demo units and farm Dr.YSRHU-KVK and other NGO officials have participated in the programme.

Awards

Sri Y.B.Prabhakara Raju, Assistant Registrar (NTE), Administrative Office, Venkataramannagudem, Smt.M.Susmita Lata, Senior Technical Assistant (Admn.), College of Horticulture, Parvathipuram, Sri E.Ramachandra Reddy, Senior Assistant, Sri V.Subodh, Junior Library Assistant, Sri T.Sreedhar, Agricultural Extension Officer, Sri C.Murali, Agricultural Extension Officer, CoH, Anantharajupeta, Sri K.Suresh, Agricultural Extension Officer, College of Horticulture, Venkataramannagudem, Smt.S.Narasamma, Mali, Horticultural Research Station, Ananthapuram, Sri T.Bhaskar, Agricultural Work Men, Sri S.Basha, Agricultural Work Men, Sri P.Chinnaramulu, Office Subordinate, Smt.M.Lakshumma, Agricultural Work Men, Smt.E.Rajamma, Office Subordinate and Smt.E.Rajamma, Office Subordinate, CoH, Anantharajupta received meritorious awards for non-teaching staff for the year-2022 during 15th Foundation Day of Dr.YSRHU on 26 June 2022.



Superannuation

Dr. J. Dilip Babu, Principal Scientist (Hort) & Head, CRS, Bapatla and Zonal Research Head, Coastal Zone-II, Dr. YSRHU retired on attaining superannuation on 30 June 2022. Dr. T. Janakiram, Hon'ble Vice Chancellor, Dr. L. Naram Naidu, Director of Research and teaching and Non-teaching staff from Coastal Zone -II felicitated him on this occasion.



Patron: **Dr T. Janakiram**, Vice-Chancellor

Editors: **Dr B. Srinivasulu**, Director of Extension
Dr L. Naram Naidu, Director of Research
Dr K. Gopal, Registrar

Sub-Editor : **Sri K. Ratna Kishore Babu**, Public Relations Officer
Dr Y.S.R. Horticultural University

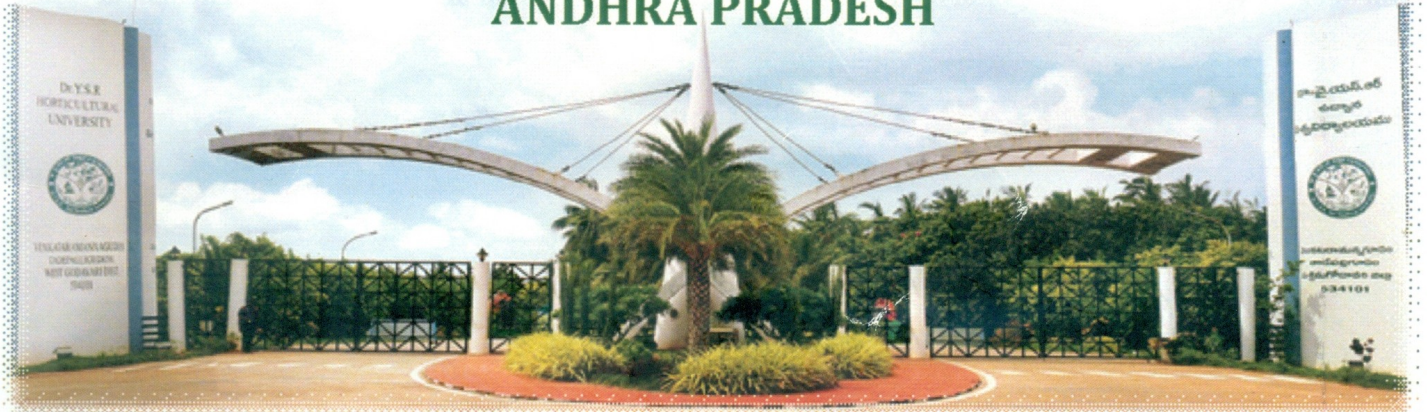
Administrative Office, Venkataramannagudem-534 101,
West Godavari district, Andhra Pradesh

Visit our website at <https://drysrhu.ap.gov.in>



Dr.YSR HORTICULTURAL UNIVERSITY

Venkataramannagudem, West Godavari District
ANDHRA PRADESH



UDYANA YATRA HORTI-TOURISM

Dr. YSR Horticultural University (Dr. YSRHU), 2nd of its kind in the country was established by the Government of Andhra Pradesh on 26th June, 2007. This University is functioning with a mandate to develop human resources through Education, Research and Extension in Horticulture and allied sectors through 42 institutions i.e., Constituent College of Horticulture (4), Constituent Horticultural Polytechnics (4), Horticultural Research Stations (19), Krishi Vigyan Kendras (4), Affiliated Colleges of Horticulture (4) and Affiliated Horticultural Polytechnics (7).

Dr. YSRHU is offering B.Sc (Hons.) Horticulture, M.Sc (Horticulture) and Ph.D in Horticulture with specialization in Fruit Science, Vegetable Science, Floriculture and Land scape architecture, Plantation, Spices, Medicinal and aromatic, Post Harvest technology, Plant Pathology and Entomology, besides two year Diploma in Horticulture.

The University has awarded Horticultural degrees so far to 2654 students (2125 in B.Sc (Hons.) Horticulture, 467 in M.Sc (Horticulture) and 62 in Ph.D). University released 27 varieties in various Horticultural crops. 18 released varieties were notified at National level. Dr.YSRHU is concentrating on transfer of technologies to farmers, rural youth and women directly and through RBKs, Development of Horticulture, Agriculture and allied sectors of Government of Andhra Pradesh.

For more details please visit : <https://drysrhu.ap.gov.in>

UDYANA YATRA



**Registration
About Dr.YSRHU At KVK**



KVK Demo Blocks



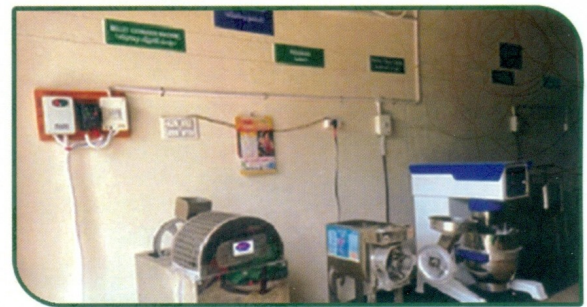
Mushroom Unit



Honey Bee Centre



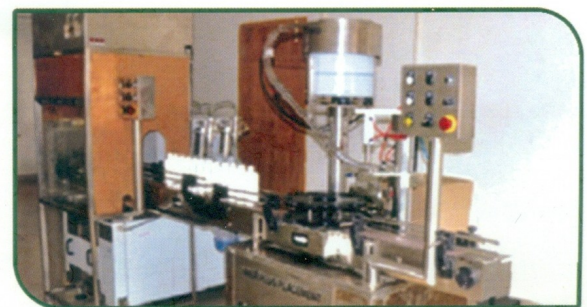
Dry Flower Technology Unit



Horti-Millet Unit

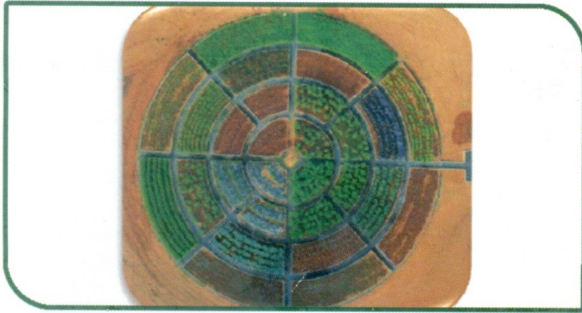


Agromet



Bio Control Unit

HORTI - TOURISM



Nutri Garden



Centre of Excellence



Museum



Integrated Farming System Unit



Post Harvest Processing Unit



Dr. B.P.Pal Rose Garden



Dhanwantari Park



College of Horticulture



Udyana Yatra visit schedule

First and third Saturday of every month from 10:30 AM to 4:00 PM (lunch break from 1:30 PM to 2:00 PM)

No. of Visitors (Minimum 25 and Maximum 50 per batch per visit)

Students, farmers, NGOs, personnel from private firms and entrepreneurs

Price per individual per visit

Rs.100/- only (includes visit cost and kit)

General conditions

- Visitors bus should be stopped at 2nd gate (old gate) of the university.
- All visits by walk only
- Outside lunch allowed
- On payment basis Udyana Thali will be provided
- Lunch (Dining) at University Museum
- Follow COVID-19 guidelines

Udyana Yatra co-ordinators

- Dr.E.Karuna Sree, Principal Scientist & Head, KVK, V.R.Gudem
- Dr.V.Deepthi, Scientist, KVK, V.R.Gudem
- Dr.A.Devivaraprasad Reddy, Scientist, KVK, V.R.Gudem
- Dr.K.Mayuri, Technical Officer to Director of Extension
- Dr.M.Vijayalakshmi, Technical Officer to Director, PME Cell
- The point of visit of Udyana Yatra will be explained by concerned Scientist/ Research Associate.

Contact for Registration

Principal Scientist & Head, Dr.YSRHU-KVK, Venkataramannagudem

Mobile No : 7382633692, Whatsapp : 98667 77777

kvk-vrg@drysrhu.edu.in & kvkvenkataramannagudem@gmail.com

Chief Patron

Dr.T.Janakiram,

Vice-Chancellor, Dr.YSRHU

Patron

Dr.B.Srinivasulu,

Director of Extension, Dr.YSRHU