



Dr YSRHU e-Newsletter

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



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Dr YSRHU e-Newsletter

01-15 May 2023



Fortnight Focus

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From Vice- Chancellor's Desk

Education is of paramount importance as it empowers individuals with knowledge, critical thinking skills, and opportunities for personal and societal growth. It is the foundation of progress and development in any society. Education equips people with the tools to make informed decisions, contribute to their communities, and adapt to a rapidly changing world.

Dr. YSR Horticultural University, second of its kind in India, playing a pivotal role in advancing horticultural education, research, and extension. As a specialized institution dedicated exclusively for horticulture, its significance in Development of Human Resources extended to various dimensions.

University is providing specialized horticultural education through a spectrum of academic programs, fostering expertise in areas such as crop cultivation, pest management, and post-harvest technologies. This focused education ensures that graduates are well-prepared to contribute to the horticultural industry and address its unique challenges. The university serves as a hub for cutting-edge research in horticulture. Its research initiatives advance the science of crop cultivation, enhance crop yields, and develop sustainable agricultural practices. Furthermore, the University is actively engaged with the horticultural community through extension services, workshops, and outreach programs. By disseminating the best practices and promoting sustainable farming methods contributing immensely to the growth and productivity of the horticultural sector in Andhra Pradesh.

Since its establishment, 3192 students graduated among which, about 460 were employed in government sector and 302 placed in private sector. Notably, in the most recent Horticultural Officer recruitment, 27 out of 38 officers appointed in the state were proud alumni of Dr. YSRHU.

Dr T.Janakiram
Vice-Chancellor

The Events

Dr.YSRHU- 5th Convocation

Dr. YSRHU witnessed the notable occasion of its 5th Convocation ceremony, on May 12th 2023 at the university campus located at Venkataramannagudem, Andhra Pradesh.

The convocation ceremony was graced by the presence of Shri S. Abdul Nazeer, Hon'ble Chancellor, Dr.YSRHU and Governor of Andhra Pradesh. The Chancellor in his message praised Dr.YSR Horticultural University's contributions to the field of horticulture in Andhra Pradesh and made everyone experience the pride of the University. The Chief Guest, Prof. Ramesh Chand, Member of NITI (National Institute for Transforming India) Ayog and a renowned Agricultural Economist, inspired the graduate students and the faculty with his vast knowledge and experience, in the field of Agricultural Economics and Human Resource Development.

Dr. T. Janakiram, Hon'ble Vice-Chancellor of Dr.YSRHU, extended cordial welcome to the Chancellor Shri S.Abdul Nazeer, Dr. Ramesh Chand, University Officers, Members of Board of Management, Members of Academic Council, Teaching and Non-Teaching Staff, Students and Parents and proudly presented about the University's achievements in education, research and extension.

The 5th convocation ceremony served as a platform to recognise and felicitate the Best Teacher, Research and Extension Scientists and students with awards and gold medals. On this solemn occasion, with permission of the Chairman, the university awarded Degrees to 1192 students (1069 B.Sc (Hons.) Horti), 97 M.Sc (Hort.) and 26 Ph.D students), symbolising their academic achievements and preparing them for a promising future in the field of Horticulture.

GOLD MEDAL Winners and AWARDEES

Date	Topics	Scientist Name
1	Best Teacher Award	Dr.N.Emmanuel, Associate Professor (Entomology) COH, V.R.Gudem
2	Best Research Scientist Award	Dr.K.Ravindra Kumar, Senior Scientist (Horticulture) HRS, V.R.Gudem
3	Best Extension Scientist Award	Dr.A.Devi Vara Prasad Reddy, Scientist (Fishery Science) KVK, V.R.Gudem
4	Smt. Adda Venkayamma Gold Medal	Ms.Kothakadapa Lakshmikala, I.D.No.AHD/ 2019-02

Date	Topics	Scientist Name
5	Dr. T.B. Dasaradhi Gold Medal	Mr. Durga Venkata Ravi Teja Amulothu, I.D.No.AHM/2019-05
6	Dr. T.B. Dasaradhi Gold Medal	Ms. Sambaturu Pavani, I.D.No.AHM/2020-12
7	Smt. Anne Shikhamany Memorial Gold Medal	Ms. Devi Reddy Meghana, I.D.No.VH/2017-52
8	Smt. Anne Shikhamany Memorial Gold Medal	Ms.Garikimukkula Param Jyothi, I.D.No.VH/2018-73
9	Sri. Devarakonda Pullayya Sastry Gold Medal	Mr.Dumpapenchala Vijayreddy, I.D.No.CH/2017-74
10	Sri. Devarakonda Pullayya Sastry Gold Medal	Mr.Noru Raja Sekhar Reddy, I.D.No.CH/2018-35
11	Shaheed Lt. Amit Singh Gold Medal	Mr.Ramavath Thavurya Naik, I.D.No.CH/2018-52



Alluri Sitarama Raju vardhanthi

Alluri Sitarama Raju vardhanthi was celebrated at all the institutes of Dr.YSRHU on 07-05-2023.



Education

Dr.YSRHU – CoH, Anantharajupeta, conducted comprehensive viva voce examination for the M.Sc. and Ph.D students of department of Fruit Science on 02-05-2023. The external examiner, Dr. Susantha Kumar Sarkar, Professor and Head, Dept. of Fruit science, Krishi Viswa Vidyalaya, Mohanpur, West Bengal, appreciated the students for their performance.



Dr.YSRHU – CoH, Anantharajupeta, conducted comprehensive viva voce examination for M.Sc. and Ph.D Students of department of Plant pathology on 09-05-2023. Dr. S.Sriram, Principal scientist, Dept. of Plant Protection, IIHR, Bengaluru, was the external examiner. Dr. Ch Ruth, Prof. (Pl. Path.), Dr. K.Arunodayam, Asst. Prof. (Pl. Path.) participated in the programme.

Dr.YSRHU – CoH, Anantharajupeta, conducted comprehensive viva voce examination for the M.Sc. and Ph.D students of department of Vegetable Science on 15-05-2023. The external examiner, Dr. Gourishankar Sahu, Professor and Head, Dept. of Vegetable science, College of Agriculture, Bhubaneswar, Odisha, appreciated the students for their excellent performance.



Research

Variety recommended for release

Greater Yam entry, TGY 17-3, a clonal selection from Dr.YSRHU HRS, Kovvur has been recommended for central release for the state of Kerala during the 23rd Annual group meeting of ICAR-AICRP on Tuber crops held during 10th to 12th May, 2023 at BCKV, Kalyani.



Education

Training Programmes Participated



On 01.05.2023, Dr. N.B.V. Chalapathi Rao, Principal Scientist (Entomology) participated in awareness programme on Rugose Spirling Whitefly Management to VHA's, VAA's of RBK staff of coconut growing mandals of Vizianagaram dist. at RBK Savaravalli village.

On 01-05-2023, K.Veeranjaneyulu, Scientist (Fisheries), Krishi Vigyan Kendra, Pandirimamidi, participated as a resource person in NFDB sponsored skill development training on Value addition of Fish and prawn products on 01-05-2023 at KVK, Ghantasala, Krishna district.



Diagnostic visits

On 06.05.2023, Dr. E. Karuna Sree, Director of Extension, along with the team of Scientists of Dr.YSRHU-Horticultural Research Stations participated in Review meeting on unseasonal and heavy rains occurred during May, 2023, hosted by Department of Horticulture in the presence of Sri. Gopala Krishna Dwivedi, Special Chief Secretary (Agri-Cooperation), Government of Andhra Pradesh and Commissioner of Horticulture and recommended amelioration measures for affected Horticultural crops viz., mango, chilli, cashew, turmeric and tomato.

Dr.Ch. Ruth, Professor (Pl. Path.), Dr.K.Swarajya Lakshmi, Prof. (Horti) along with PG students visited papaya field of Sri Tanguturi Prasad at Venkatarreddypalli village of Rly. Kodur Mandal, Annamayya Dist. on 09-05-2023. Observed drying of flowers, papaya ring spot virus on papaya, tobacco bud worm *Heliothi sarmigera* infestation on marigold; leaf curl in chilies and suggested suitable remedial measures to the farmers.



On 29.05.2023, Dr. D. Sreedhar, Senior Scientist (Hort) and Dr. Y Sharath Kumar Reddy, Scientist (Pl. Phy.), Dr. YSRHU- HRS, Anantharajupeta, visited Papaya fields and observed poor fruit setting and flower drop in Railway Kodur. Suggested to follow recommended package of practices and spraying of Urea @ 10g + Zinc sulphate @ 2g + Boron @ 1g per litre at 20 days interval.



On 01.05.2023, Dr. B. Govinda Rajulu, Principal Scientist (PP) & Head and Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU, KVK-Periyavaram visited marigold fields at Palakondasathram village, Venkatagiri mandal, Tirupati District and suggested the farmers to avoid excessive use of NPK fertilizers & apply RDF only for getting good yields. Smt. Suma, VAA and

farmers participated in the programme.

FLD

On 09.05.2023, Smt. I.Rajeevana, Scientist (Soil Science & Agril.Chemistry) conducted field visit to Frontline Demonstration field on Soil Test Based Fertilizer Management in Groundnut. As a part of FLD, Soil Health Cards and Gypsum were distributed to farmers. Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension) and Dr. D. Thirupal, Scientist (Horticulture) also participated in the programme.



On 9 May 2023, Dr. D. Thirupal, Scientist (Horticulture), Dr.YSRHU - KVK, Periyavaram conducted demonstration on fruit bagging in Mango for getting good quality fruits as a part of Frontline Demonstration (FLD) at Arimanupadu village (VC to Village Programme), Ojili Mandal, Tirupati Dist. Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension) and Smt. I. Rajeevana,

Scientist (Soil Science & Agri. Chemistry) from KVK, Periyavaram and mango farmers participated in the programme.

CFLD Pulses Programme in-charge Dr. P. Nagarjuna Reddy, Scientist (Agril. Extension), KVK, Periyavaram visited Green gram demonstration fields under CFLD Pulses programme at Arimenupadu and Petluru villages of Ojili and Venkatagiri Mandals on 12.05.2023 and 15.05.2023. WGG - 42 Green gram variety seed was distributed for demonstration. Observed incidence of leaf eating caterpillars. Suggested spraying of Chlorpyrifos @2.5 ml/lit. of water for management of pests.



On 05-05-2023, Dr. M. Harsitha, Scientist (SSAC), KVK, Vonipenta conducted Field Day in Sesamum crop (JCS-1020) regarding CFLD on Oil seeds at Somireddypalli village of Mydukur mandal. As a part of the programme scientists visited the field and scientists interacted with the farmers regarding the variety and estimated the yield of 4 Q/ac.

On 31.05.2023, Dr. D. Sreedhar, Senior Scientist (Hort) and Dr. Y Sharath Kumar Reddy, Scientist (PI Phy) from Dr. YSRHU- HRS, Anantharajupeta visited Banana fields in Y. Kota mandal and provided awareness on the bunch management practices and also on post harvest handling of fruits.





On 09-05-2023 and 10-05-2023, drums of capacity 200 litres were provided to the farmers who are practicing Natural farming under the project Out-scaling of Natural Farming at KVK, Vonipenta. Eight farmers from Somireddypalli, Machugaripalli and Adireddypalli, who are practicing the Natural Farming and farmers utilize the drums for preparation of concoctions like Jeevamrutham, Neemastra etc. Dr. N. Srividiya Rani, Scientist and Head, Dr. M. Harsitha, Scientist (SSAC) Dr. S. Firoz Hussain, Scientist (Hort.) and Dr. B.S. Kanthi Sri, Scientist (H.Sc.) participated in the programme.

Field Visit

On 15.05.2023, Dr.B. Vijayasree, Scientist (Home Science), KVK, Periyavaram visited Nutrigarden at Vootlapalli, Balayapalli (M), Tirupathi district and interacted with women farmers and explained about the organic cultivation methods for getting chemical free and organic vegetables, leafy vegetables and fruits and consumption of which can improve the nutritional status and immunity for the farming families. Dr.P. Nagarjuna Reddy, Scientist (Agril. extension), KVK, Periyavaram, D.Penchulayya, ICRP, APCNF and team participated in the programme.



Field Day



On 09.05.2023, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension), KVK, Periyavaram conducted Field Day on Groundnut variety Kadiri Lepakshi (K-1812) under CFLD Oilseeds (Rabi) programme in Arimenupadu village of Ojili Mandal. Farmers opined that the performance of the variety (K-1812) was very much satisfactory. Suggested the farmer to keep the variety as seed for next season. Dr. D. Thirupal, Scientist (Horticulture) and Smt. I. Rajeevana, Scientist (Soil Science) participated in the programme.

SC-Sub Plan Activities

Dr.Ch. Ruth, Professor (Pl. Path) & PI, Dr.K.Swarajy Lakshmi, Prof. (Hort) (Co-PI) along with PG students visited Venkatareddipalli, Arundhatiwada on 09-05-2023. Interacted with the beneficiaries of SC-Sub plan on Mushroom culture as a sustainable means of nutritional security and employment for SC farmers of YSR Kadapa district of Andhra Pradesh.



Swachhta Abhiyan



Dr. M Raghavendra Reddy, Scientist (SS&AC), Dr.YSRHU-KVK, Venkataramannagudem coordinated Swachhta Abhiyan activities in Krishi Vigyan Kendra. Organized cleaning drive in and around KVK premises, cleaning at skill training centre and IFS units. All the scientists from KVK, Venkataramannagudem participated in the campaign.

Phone-in-Programs under Farmers Advisory Cell of Dr YSRHU

Dr YSRHU-Farmers Advisory Cell organized the following Phone-in-Programs during the First fortnight of May, 2023 (3-4 PM).

Date	Topics	Scientist Name
01.05.2023	అరటి పీలకలు మరియు టిష్యూ కల్చర్ మొక్కల ఎంపికలో తీసుకోవలసిన జాగ్రత్తలు	Dr.T.Susila, Sr. Scientist & Head (Hort), BRS, Pulivendula
02.05.2023	ఏజెన్సీ ప్రాంతాల్లో రబ్బరు సాగు	Dr. K.Rajendra Prasad, Sr, Scientist, HRS, Pandirimamidi
03.05.2023	అల్లం సాగులో పాటించవలసిన యాజమాన్య పద్ధతులు	Smt.Ch. Bindhu, Scientist, HRS, Chintapalli
04.05.2023	వేసవి కూరగాయలలో తెగుళ్ల యాజమాన్యం	Smt. T.Vijaya Lakshmi, Sr. Scientist, HRS, Lam
05.05.2023	ఉల్లిలో ఎరువులు, కలుపు మరియు నీటి యాజమాన్యం	Dr. M. Tagor Naik, Sr. Scientist, HRS, Mahanandi
06.05.2023	వంగలో సమగ్ర పోషక యాజమాన్యం	Sr. C. Ramesh Naidu, Asst. Professor, HPT, Kalikiri
08.05.2023	అరటిలో జీవ ఎరువుల అవశ్యకత మరియు యాజమాన్యం	Dr.M .Sunil Kumar, Scientist, BRS, Pulivendula
09.05.2023	పససలో పంట కోత అనంతర యాజమాన్యం	Dr.P.Ashok, Sr. Scientist & Head, HRS, VR Gudem
10.05.2023	చిలగడదుంపలో విలువ ఆధారిత ఉత్పత్తులు	Dr.M.Janaki, Scientist (Hort.) & Head, HRS, Peddapuram
11.05.2023	రొయ్యల పెంపకంలో వ్యాధుల నివారణ	Dr.A. Devivaraprasad Reddy, Scientist, KVK, VR Gudem
12.05.2023	వేసవిలో కొబ్బరి యాజమాన్యం	Sr. A. Kireeti, Scientist, HRS, Amba-
15.05.2023	అరటిలో గెలల యాజమాన్యం	Dr.G.Purna Dattha Reddy, Scientist BRS, Pulivendula

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 May First fortnight, 2023.

Date	Topics	Scientist Name
	మిరప నారుమడి తయారీలో తీసుకోవలసిన జాగ్రత్తలు మరియు పంటకు ముందు పచ్చిరోట్ల పైర్ల సాగు ప్రాముఖ్యత	Sri.J.Phani Kumar, Scientist, HRS, Lam
05.05.2023	మామిడిలో కొమ్మ కత్తిరింపులు మరియు యాజమాన్య పద్ధతులు	Dr.K.Radha Rani, Principal Scientist, MRS, Nuzvid
08.05.2023	చీనీ మరియు బత్తాయి తోటలలో చీడపీడల యాజమాన్యం	Dr.B. Govinda Rajulu Principal Scientist & Head, KVK, Periyavaram
12.05.2023	ఉద్యాన పంటలలో వేప సంబంధిత ఉత్పత్తుల వినియోగం మరియు ప్రాముఖ్యత	Dr. S. Adharsha, Scientist, KVK, Pandirimamidi
15.05.2023	బెండ సాగులో మేలైన యాజమాన్య పద్ధతులు	Dr. A. Rajani, Sr. Scientist, HRS, Lam

Meetings

Scientists of Dr.YSRHU-KVKs, participated in the action plan meeting for the year 2023-24 at ANGRAU campus, Lam, Guntur organized by ANGRAU & ATARI-X from 4th to 5th May 2023 along with Dr. E. KarunaSree, Director of Extension, Dr.YSRHU and presented the proposed action plans of the respective KVKs for the year 2023-24.



Review Meetings

Dr. R.Nagaraju, Principal Scientist (H) & Head and Dr.L. Mukunda Lakshmi, Senior Scientist (Hort.), CRS,Tirupati participated in 30th meeting of Central Subcommittee on Crop Standards, Notification and Release of varieties for Horticultural crops. Dr.L. Mukunda Lakshmi, Senior Scientist (Hort.) presented variety release proposal of acid lime, TAL- 94/14 for notification under CVRC on 4th May, 2023 through virtual mode.

On 24.05.04.2023, Dr. Y. Sharath Kumar Reddy, Scientist (Pl. Physiology) from Dr. YSRHU- HRS, Anantharajupet, attended monthly review meeting through zoom platform convened by Project Coordinator, AICRP on Fruits.

Dr.K.Mamatha, Principal Scientist (Hort.) attended 23rd Annual group meeting of ICAR-AICRP on Tuber crops from 10th to 12th May at BCKV Kalyani and presented the work done report for the year 2022-23.

Visits

Dr. Prakash Patil, Project Coordinator, IIHR, Bengaluru along with Sri P.K.Tiwari and Sri Ghanshyam Mandal, Senior Finance Officers from ICAR, New Delhi, Sri. K G Jagadeesan, Senior Financial Officer from IIHR, Bengaluru visited AICRP on Fruits (Citrus), CRS,Tirupati for the physical inspection on 09/05/2023 and interacted with the scientific staff. The team visited Information Technology Centre and Skill Development Dry Flower Technology Unit at CRS, Tirupati and reviewed the financial activities of Dr YSRHU- HRS, Anantharajupeta centre for the last 3 financial years.



Dr. B.V.K.Reddy, Biodiversity Board Chairman of Andhra Pradesh visited Centre of Excellence for Research and Training in Protected Cultivation of HRS, V.R.Gudem on 10.05.2023

Awards



Best Center for the year, 2022-23 under ICAR –AICRP on Tuber crops has been awarded to DrYSRHU during the 23rd Annual group meeting held at BCKV, Kalyani from 10th to 12 May, 2023.Dr K Mamatha, Principal Scientist (Hort.), HRS, Kovvur and Dr. M. Janaki, Scientist (Hort.) & Head, HRS, Peddapuram received the awards from the Dr. A.K.Singh, DDG (Horticultural Sciences) ICAR,New Delhi.

Dr.YSRHU-HRS, Kovvur ranked 3rd for planting material production and revenue generation for the year, 2022-23 and Dr.K.Mamatha, Principal Scientist (Hort.), HRS, Kovvur, received the appreciation certificate from Dr.A.K.Singh, Honourable DDG (Horticulture), ICAR, New Delhi during the 23rd AGM of ICAR-AICRP on Tuber crops.



Publications

Published article “Conservational biological control approach of Rugose Spiralling Whitefly” by N. B. V. Chalapathi Rao, V.Anoosha, B. Neeraja, V. Govardhan Rao, A. Kireeti, G. Koteswara Rao, and B. Srinivasulu in Indian Coconut Journal, Vol. LXV No.9 March – 2023, pp 22-24.

Published popular article “vesavi lo kobbarithotala yajamanyam” by A. Kireeti, G. Koteswara Rao, B. Neeraja, V. Anoosha, V. Govardhan Rao, NBV Chalapathi Rao, and B. Srinivasulu in Rythubhara Magazine, May, 2023, pp 25-26.

Published popular article “Vesavi lo kobbarini asinchu tegullu” by V. Govardhan Rao, B. Neeraja, NBV Chalapathi Rao, V. Anoosha, A. Kireeti, G. Koteswara Rao, and B. Srinivasulu in Rythunestham Magazine, May, 2023, pp 8.

Published popular article “Kobbarilo mitrapurugulu (badanikalu)” by V.Anoosha, N. B. V. Chalapathi Rao, B. Neeraja, , V. Govardhan Rao, A. Kireeti , G. Koteswara Rao, and B. Srinivasulu in Eruvaka Magazine, Vol. No.6, May, 2023, pp 39-40.

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