



Cultivating Ideas For Sustainable Future ...

SKLTSHU e-Newsletter



In this issue

- ❖ From the VC's Desk
- ❖ Conferences-Workshops, Seminars, Meetings
- ❖ Collaborations
- ❖ Capacity Building
- ❖ Visitors
- ❖ Academics
- ❖ Transfer of Technology
- ❖ Awards & Honours
- ❖ Celebrations

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From Vice Chancellor's Desk

CONSERVE SOIL FOR HEALTHY FUTURE

"The nation that destroys its soil destroys itself."

- Franklin D. Roosevelt

Soil is one of the most valuable natural resources of the earth having complex ecosystem that supports human food production systems for feed, fibre, food and fuel, and also has the potential to combat and mitigate climate change. Global soils are the source of all life on land, as it stores as much carbon as all plants does thereby plays a pivotal role in tackling the climate change.

Humans and climate change are depleting the earth's top soil at an alarming rate, if the world continues with current agronomic techniques viz., intensive farming, forest destruction, pollution and global heating, probability of erosion of topsoil in the next 50 to 100 years is no doubt expected. According to the U.N.'s Food and Agricultural Organization, the world's topsoil could be depleted by 2080. Now it's high time to feel the importance of soil on life and to adapt appropriate methods for conserving soil as it takes almost 500 to thousands of years to create an inch of topsoil, therefore urgent protection and restoration of the soils that remain is the need of the hour.

Soil conservation is set of practices used to protect the soil from degradation, surface run off, sedimentation and pollution which involves breaking down of organic matter, releasing nutrients, and opening up spaces for the circulation of air and water. Organic matter not only provides good soil structure and water holding capacity but also promotes water infiltration, and protects the soil from erosion and compaction.

Therefore soil must be conserved by reducing deforestation, by planting trees, by land reclamation and by conserving soil tillage (crop rotation, strip cropping, mulching) to maintain the soil quality thereby enabling conditions in producing a fertile healthy environment. In addition to this, modern technologies such as cloud computing, artificial intelligence and real-time data analysis are in pipeline to conserve top soil.

However, such deteriorating activities of soil health have now been gradually realized and understood by the farming communities as well as policy makers. They are being sensitized by the government agencies and research institutes and universities through their innovative research and development approaches.

Rightly quoted by Jonathan Webb, founder and CEO of AppHarvest, a high-tech greenhouse company in the Bluegrass State that "Look at the problems facing our planet," By 2050 we're going to need 70% more food. (University of California,) and we have 60 years left of topsoil, before the topsoil is degraded to a point to where it's not going to be very fertile." "Healthy soil is the basis of all Life on the planet. Without addressing the immediate need to preserve the organic content of our soil, food security will inevitably come under severe threat".

**Dr. (Smt). B. Neeraja Prabhakar
VICE CHANCELLOR**

CONFERENCES-WORKSHOPS, SEMINARS & MEETINGS

The 13th Academic Council Meeting of SKLTSHU

The 13th Academic Council Meeting of SKLTSHU was held on 21-03-2022 under the chairmanship of the Hon'ble Vice Chancellor. The Council discussed various agendas pertaining to academics, admissions and fee

Zonal Heads of Agro climate region of Telangana State –Review Meeting

Review meeting with Zonal Heads was conducted on 14-2-2022 and 30-03-2022 to regularly monitor and discuss ways to improve quality of research and Extension at Research Stations located in different Agro climate regions of Telangana State.

Brain Storming Session on “Area Expansion of Grape in Telangana State “

Brain Storming Session on “Area Expansion of Grape in Telangana State” was organized at College of Horticulture, Rajendranagar on 12-02-2022 to bring the grape growers of Telangana State, Subject matter specialist, Horticulture Department officials on one platform to discuss on the hurdles related to grape cultivation in Telangana State. A total of 150 participants took part in this event. Dr. Neeraja Prabhakar, Hon'ble Vice Chancellor, SKLTSHU, in her Presidential address emphasized the glory of grape in the history of Telangana. Sri L. Venkat Ram Reddy Commissioner of Horticulture, Telangana highlighted on “Present Scenario of Grapes in Telangana and plan of action for revival of grape cultivation in Telangana”. Dr S.D. Shikhamany, Ex. Vice Chancellor of Dr. YSRHU focused



on “Potential for Area expansion of Grape in Telangana State”. Dr. R. G Somkuwar, Director, ICAR – NRCG delivered key note address on “Varietal diversification of Grapes in Telangana”.

Awareness Programme on Agri-biodiversity Conservation



One of the Society's most pressing challenges is to slow the rate of global biodiversity loss and extinction. Keeping this in view a programme on “Awareness on Agri – biodiversity Conversation and Farmers' Benefit Delivery Programme” (Under Scheduled Caste Sub Plan) was conducted at HRS, Konda Mallepally in collaboration with NBPGR, Hyderabad on 16-3-2022. Hon'ble Vice Chancellor graced the programme as Chief Guest and addressed the gathering on issues related to loss and conservation of biodiversity.

COLLABORATIONS

SKLTSHU Signs MoU With Nova Agri Tech Limited

SKLTSHU entered into a collaborative agreement with Nova Agri Tech Ltd to facilitate academic research, kisan melas, farmers awareness programmes, scholarships and internship for the students of the SKLTSHU and also NATL agrees to conduct campus placements as the criteria. It is recognized as “Best Emerging Noval Nutrient” Company in 2019 and also awarded with presidential award for “Outstanding Quality performance in MSME Sector.



CAPACITY BUILDING

KVK, Ramagirikhilla Empowers Women through Millets Training



KVK, Ramagirikhilla Conducted 8 days skill training programme to the SHG members(28) on Millets Value Addition. Training was given on making of Biscuit and Bakery products from 3rd to 10th Feb 2022, at KVK adopted village, Nagaram (V) of Manthani (M) of Peddapalli (D) under SC/SP sub plan 2021-22

KVK Ramagirikhilla – Establishes Millets Unit Towards Self Sufficiency of Rural Women

Millets Unit for making biscuits and bakery products with the purpose of value addition in millets was established on 09.02.2022 at Nagarm (V) of Manthani (M) by KVK, Ramagirikhilla in collaboration with KVK & SERP(DRDO) and Grama Panchayat. It was created with an objective of reaching self sufficiency among rural women. For this the Hon'ble District Collector & Magistrate, Dr. S. Sangeeta Satyanaryana, IAS, graced the occasion as Chief Guest. Dr. A. Kiran Kumar, Director of Extension, SKLTSHU has presided over the session. KVK-PC & Head, Scientist, technical and supporting staff, PD, DRDO, MRO, MPDO, Sarpanch, MPTC, Public representative and press & electronic media have participated.



COH, Mojerla – Reaches Farmers of Chinnamandal – Distributes Nursery Seedlings



Honourable District Collector (Wanaparthy), Mrs. Yashmeen Basha had given funding of Rs.5,00,227/- towards establishment of vegetable seedlings nursery at

College of Horticulture, Mojerla with an intension of supplying of quality seedlings to the farmers of Wanaparthy, District Collector had distributed nursery seedlings to farmers



COH, Rajendranagar Trains Students to Upgrade their Soft Skills

Online training programme on “Design Thinking in Research and Education” was organized by COH, Rajendranagar and conducted by NAARAM, Rajendranagar, Hyd. This training programme was sponsored by ICAR Development grants 2020-21 under the scheme of “Strengthening and Development of Higher Education” from 15th to 19th February, 2022 for faculty and PG students of COH, Rajendranagar. A total of 15 members have participated in this programme and received participation certificates.



Interview and Group Discussion Course (IGDC) sponsored by ICAR Development grants (SC-SP) was organized by COH, Rajendranagar with the help of VEPA Academy of learning and Employability skills, Secunderabad in order to Strengthen and develop soft skills from 17th to 28th March, 2022



Career Vision – Inspiring direction for the future

Ms. Ramadevi Mandadi (Master’s in international Business & Project Management BPP University, London) delivered an excellent lecture on the topic: “Career Vision” which was organized by COH , Rajendranagar on 21-02-2022.

Trainings-With Focus on Self Employment Skills to Students



BEE KEEPING : Emerging as a source of sustainable income

Hands on Training on Bee Keeping was organized by COH Rajendranagar and Apiculture Technology Centre, NIRD, Rajendranagar, Hyderabad under ICAR Development grants from 21st to 25th March, 2022 for the students of COH, Rajendranagar. A total number of 25 students actively participated in this training programme and received

Mushroom Cultivation :leading to health and wealth creation

Third year students of COH, Rajendranagar of 2019 batch were trained on mushroom cultivation from 10.03.2022 to 11.03.2022 at NIRD.

Organic Farming showcasing sustainable agriculture

Students of M.Sc. and final year B.Sc. (Hons.) Horticulture attended training programme on organic farming at Mr. V. Manoharachary Farm, Padmaram (Vill,)RR (Dist), Telangana on 17-03-2022. In this programme students interacted with different organic and natural farming growers and gained knowledge from their experiences. They were involved in preparation of different natural formulations Agniashtra, Neemastra, Panchagavya, Dashagavya, Garlakanta Kashayam, etc. Students also received Participatory Certificate.



Fertilizer Orientation Course

'Fertilizer Orientation Course' was conducted by Fertilizer Association of India at College of Horticulture, Rajendranagar on 25th March, 2022. The staff and students have actively participated in the programme and received participation certificates.



Training on Production technology of Tuber Crops in Telangana State



AICRP on Tuber crops under SC SP programme conducted "Training on Production Technology of Tuber Crops in Telangana State" on 11-03-2022. Dr. V. Suresh, Scientist (Pl. Path) had trained farmers of Vikarabad (D). Staff members of VRS, Rajendranagar Horticulture officers (Mr. Ankit & Mr. A.Gaffor), Dr. J. Cheena, Zonal Head attended the meeting.

HRS, Aswaraopet Participated in Oil palm nurseries with joint inspection team

ఆయిల్ పామ్ పంటపై రైతులకు అవగాహనా కార్యక్రమం

సవరణలు - సుబ్బారాజ్ దూరల్

సుబ్బారాజ్ దూరల్ దివ్య టీవీలో అనుబంధ ప్రాసెస్ చేసిన రెబల్ కేవలం తిరుమల ఆయిల్ పామ్ కంపెనీ వారు పంపిణీ చేసే రైతులకు అవగాహన కార్యక్రమం. ఈ అవగాహన కార్యక్రమంలో తెలంగాణ స్టేట్ ఫార్మర్స్ డివైజన్ డైరెక్టర్ వెంకటేశ్, జూనియర్ ఆయిల్ పామ్ పరిశోధన స్టాఫ్ శాస్త్రవేత్త దాల్కర్ రామచంద్రుడు, దాల్కర్ విజయలక్ష్మి, మేనేజర్ లాల్ గౌరి పంపిణీ విభాగం కేంద్రం జిల్లా ఉద్యానవన అధికారి శ్రీనివాస్ చాల్లూరు ఆయిల్ పామ్ సాగు చాలా లాభదాయకంగా ఉంటుంది చెప్పారు. పెద్దపల్లి జిల్లా ఉద్యానవన అధికారి జగన్మోహన్ రెడ్డి మాట్లాడుతూ పెద్దపల్లి జిల్లాలో 6285 ఎకరాలను ఆయిల్ పామ్ సాగుకు గుర్తించాలని అన్నారు. కార్యక్రమంలో దివ్య టీవీలో సర్పంచ్ రాజు, పెద్దపల్లి జిల్లా ఉద్యాన అధికారి జి.పి. శ్రీకాంత్,



కేంద్రం జిల్లా ఉద్యానవన అధికారి మంజువాడ, జగన్మోహన్ జిల్లా అధికారి శ్యాంప్రసాద్, తిరుమల ఆయిల్ పామ్ ఇండియా ప్రైవేట్ లిమిటెడ్ సీఈఓ కే.పి.కె.ల కల్యాణశంకర్, నర్సరీ ఎన్.కె.ఎస్. అనూబ్, రాజులక్ష్మి, శ్రాంతికుమార్, మహేష్ రైతులు పాల్గొన్నారు.

Dr. G. Vijaya Krishna, Scientist (H) from HRS, Aswaraopet attended the orientation programme on "Oil palm nurseries joint inspection team visits" conducted at HTI, Nampalli, TS Hort. Dept. on 19-01-2022. Later accompanied the Oil palm nurseries joint inspection team from 07-02-2022 to 11-02-2022

JVRHRS, Malyal Conducts Skill Training for Rural Youth

Training program under ARYA project was conducted at JVRHRS, Malyal to the rural youth on Commercial Nursery and Raising of Vegetables under Shadenet on 07-03-2022 by Dr. S.Sindhuja Scientist (Hort). They were appraised on production and marketing of planting material as an effective income generating activity.

Farmers training programme for holistic growth of Chillies, Turmeric & Coriander

A training programme on "Improved Management Practices in Cultivation of Chillies, Turmeric & Coriander" at JVRHRS, Malyal was conducted on 25-02-2022 under Mission for Integrated Development of Horticulture.



Fruit Fly Awareness Programme

Awareness programme on mango fruitfly was conducted on 05.02.2022 by scientists of Fruit Research Station, in collaboration with ATGC and Dept of Horticulture, Sangareddy Dr. A. Kiran Kumar, DE and Dr Raj Kumar graced the occasion.



VISITORS

The Peer Review Team (PRT) of ICAR visits SKLTSU



ICAR - peer review team has visited SKLTSU and its constituent colleges at Rajendranagar and Mojerla on 02-03-2022. The Chairman of team Dr. N.C. Gautam, Former Vice-Chancellor, Mahatma Gandhi Chitrakoot Gramodaya Viswavidyalaya, Satna, Madhya Pradesh along with four members including Dr. Rakesh Gupta, Former Dean, COH, Dr. YSPUH & F, Solan, Himachal Pradesh, Dr. S. Athani, Director of Extension, Sirsi, UHS, Bagalkot, Karnataka. Dr. B.N. Hazarika, Dean, CoH&F, Pasighat, CAU, Imphal, Manipur. Dr. Prabhat Kumar, Commissioner of Horticulture, GOI visited laboratories, other offices of the colleges, library, boys and girls hostels, sports complex and reviewed the facilities. The team interacted with students and faculty of the colleges to assess the quality of education. They also visited Vegetable Research Station, Floricultural Research Station, Grape Research Station and Medicinal and Aromatic Plants Research Station and assessed outcomes of the university as a whole.

The team interacted with the Hon. Vice Chancellor and University Officers on 02-03-2022 and also visited University Administrative Building and Academic blocks. Dr. Neeraja Prabhakar, Hon'ble Vice Chancellor presented "Overview of the University". The Team also identified strengths challenges, suggestions and prepared the report for submission to ICAR

Grape festival - A grand Success

THE HANS IN INDIA
TREAT TO GRAPE, WINE LOVERS

Grape festival back in city after a gap of 2 years

By ESA BEN ABDUL REHMAN, RAJENDRANAGAR

THE Grape Festival at Rajendranagar has finally come to soothe the souls of people after a gap of two years as the Sri Konda Lakshmi Jagananna State Horticultural University has thrown open the festival (exhibition-cum sale) for public at Grape Research Station, Rajendranagar. The three-day festival will conclude on Monday.

The most-fancied part of the festival is that one can taste and take away the mouth-watering fruit simply by plucking through their own hands. In a serene environment full of vegetation around, the Grape Research Station is located just 2 kilometres away from Dairy Farm crossroad at pillar No. 215 of P/VNH expressway in Rajendranagar.

Priyanka Varghese, IFS, OSD (Harish Hazari is Chief Minister accompanied by Dr. D. Vijaya, Head, Grape Research Station, Rajendranagar went round the rooms to enquire about the varieties of grapes at the research station. While explaining about the

Bangalore (Purple), Marjori Medika, Arka Sityam, Concord and Bangalore Blue are suitable for juicing during the summer season." She further said that wine varieties such as Shiraz, Cabernet Sauvignon, Zinfandel, Chianti Blanc and Sauvignon Blanc would help ferment excellent cocktails. However, the grape lovers would miss the variety of 'Anab-e-Shahi' this time, introduced in Hyderabad by Abidul Baqar Khan from middle east somewhere around 1890 as the vines have failed to bear fruit due to inclement climatic conditions.

◆ The three-day festival will conclude today

◆ Over 35 varieties of grapes are exhibited at the festival

People from various walks of life were attracted to Grape Research Station and were delighted to see the wealth of grape varieties and know about their diverse uses.

Hon'ble Vice Chancellor and Director of Research, SKLTSU visits HRS, Aswaraopet



Hon'ble Vice Chancellor and Director of Research, SKLTSU visited HRS, Aswaraopet and thoroughly reviewed the on-going experiments, nursery and farm activities on 03-01-2022.



Hon'able Vice Chancellor, Dean of Horticulture and Dean of Student Affairs visit COH, Mojerla

Honourable Vice Chancellor, Dean of Horticulture, Dean of Student Affairs visited COH, Mojerla and monitored all the activities of the college, instructional farm and nursery on 07-01-2022 and based on which suggestions were given for improvement.



ACADEMICS

Admissions

1. Classes and examinations resumed in Physical mode after covid pandemic.
2. *Admissions* to all the programmes (Diploma, Undergraduate and Postgraduate) were *conducted*.
3. Eight of the top 10 ranks in HORTICET-2021 conducted by SKLTSHU were bagged by Horticulture Polytechnic, Adilabad.

Educational Tours

Educational tour was organized for the students of COH, Mojerla (2019 batch). They were taken to Fruit Research Station, COE Mulugu, COE Jeedimetla, ICRISAT, Grape Research Station, Medicinal & Aromatic Research Station and Vegetable Research Station with funding from NAHEP project.



Students from Government Junior College visited Vegetable Research Station farm on 10-02-2022 as a part of exposure field visit. Members of DAESI Programme (HRS, Mallepally) visited Vegetable Research Station, R'Nagar on 22-02-2022.



As a part of Horticultural Exposure visit, students of School of Agriculture, S.R University, Warangal visited HRS, Malyal from 15th to 17th February, 2022.

As a part of creating awareness on Horticulture crops, B.Sc students of Crescent College, Adilabad visited HRS, Malyal on 4-12-2021 and 8-12-2021.



RHWEP DURING COVID PANDEMIC

To understand the rural situations in the area of Horticulture B.Sc Hons (Hort), students of final year from Colleges of Horticulture, Rajendranagar and Mojerla were allotted to Vegetable Research Station, Rajendranagar and Horticulture Research Stations at Malyal, Aswaraopet and Kondamallepalli to undertake the RHWEP activities. Students from Colleges of Horticulture V.R.Gudem, Sri Krishna Devaraya, Ananthapuramu, Anantarajupeta and Chinalataripi of Dr.YSRHU were also allotted to these stations to help the students of other states to keep pace with the pandemic.

HORTICULTURAL INDUSTRIAL ATTACHMENT PROGRAMME

To develop the entrepreneurship skills among the students and to have basic knowledge about the establishment of industries RHWEP students were attached to different industries *viz.*, nursery, hydroponics units, TS oilfed and fruit processing units for a duration of 8 weeks.



PUBLICATIONS

Teaching/Research faculty from Colleges, Research stations, KVK have published 15 Research papers in Journals; 19 Popular articles; 5 press notes; 2 Bulletins; 2 Monthly reports from January to March 2022.

TRANSFER OF TECHNOLOGY

Teaching/Research faculty from Colleges, Research stations, KVK have participated in 19 Radio Programmes and 9 TV programmes (Doordarshan and Private TV channels) to disseminate information to farmers and answered their queries during phone-in-live programmes.

AWARDS & HONOURS

On the occasion of International Women's Day 2022, Hon'ble Vice Chancellor was awarded "**Queen of the Nation**"- National Award 2022, by Viswaguru World Records Private Limited, Hyderabad on 20th March 2022.



K.Prabhavathi, Vice-Principal, HPT, Ramagirihilla was awarded "Kalp-Young Academician Award" during COAHEBS-2022 - 4th International Global Conference on "Challenges and opportunities in Agriculture, Horticulture, Environmental and Biotechnological Current Era" on 26th February'2022.

Dr. P. Saidaiah and Mr. K. Nagaraju had received Kisan Seva Ratna awards from Gandhi Global family, Gandhi Gnan Prathistan, Hyderabad for their contributions towards bringing awareness to the farmers on new horticultural practices by Honourable Agriculture Minister, Sri. Singireddy Niranjan Reddy garu on 27th February, 2022.



CELEBRATIONS

National Youth Day

National Youth Day was observed on 12th January, 2022 to honour the ideals and thoughts of Swami Vivekananda on his birth anniversary by students of SKLTSU. The staff of the University highlighted the role of youth in the process of nation-building and inspired them to have a confident attitude.



SKLTSU Celebrates Republic Day

The 73rd Republic Day was celebrated at SKLTSU on 26th January, 2022 with a lot of pride and fervor beginning with hoisting of the National Flag by the Hon'ble Vice Chancellor followed by the National Anthem. Addressing the staff and students Hon'ble Vice Chancellor said that "We got this freedom by the sacrifice of many great men. We have to keep it decorated". The National Flag was also hoisted at all the Research stations, Colleges of Horticulture



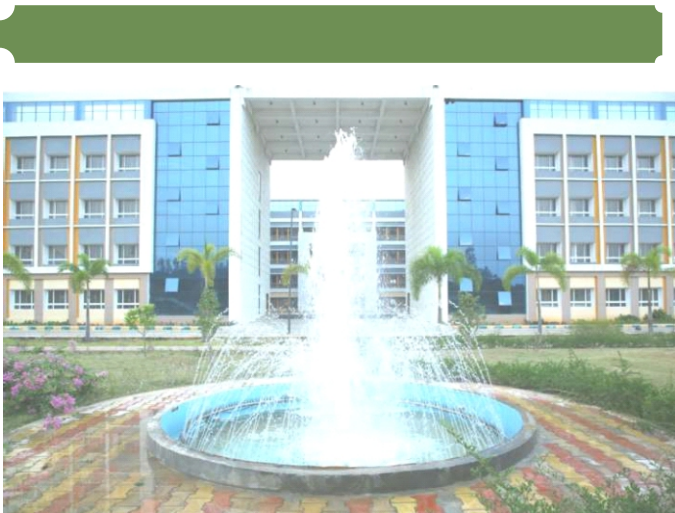
and Horticulture Polytechnics of SKLTSHU. The program progressed with energetic performances of patriotic songs and speeches that instilled the spirit of love and brotherhood among all.

Hon'ble Chief Minister, Sri.K.Chandrasekhar Rao garu birthday celebrations at SKLTSHU

On the occasion of 68th birth anniversary of Sri. K. Chandrashekar Rao garu Hon'ble Chief Minister, Telangana State, sapling plantation were taken up at Administrative office,SKLTSHU as a mark of respect to strengthen the Government initiative of Haritha Haram.

SKLTSHU observes International Women's Day 2022

International Women's Day (IWD) celebrated every year, provides an opportunity for the faculty members, staff members and the students of SKLTSHU to join with the International community to celebrate the achievements of women; Various entertainment activities with Dr. B. Neeraja Prabhakar Hon'ble Vice Chancellor, SKLTSHU as Chief guest were conducted to commemorate the cultural, political, and socioeconomic achievements of women.



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**Patron: Dr. (Smt). B. Neeraja Prabhakar
Vice-Chancellor**

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