



Striving for a greener tomorrow...

PJTSAU

News



In this issue

From the VC's Desk	1
New Initiatives	
<i>Rythu Nestam – Real time Digital Connect of Expert with Farmers</i>	2
Meetings, Conferences, Seminars, Exhibitions	
<i>AGRITECH SOUTH 2024 - Paving way for Tech-Innovations</i>	2
<i>Buyer-Seller Meet - To Strengthen and Guide FPOs</i>	3
<i>ZREAC Annual Meetings – Ponders on Need for Dissemination of University Technologies to the Farmers</i>	4
<i>National Conference - Integration of Multidisciplinary Sciences for achieving Sustainable National Development</i>	4
Capacity Building	
<i>Biotechnological tools in crop improvement – Hands on training to enhance technical skills in biotechnology</i>	5
<i>“Friends of Coconut Tree” – A Groundbreaking Initiative aimed at empowering Coconut Growers</i>	6
<i>Remote Pilot Training on Drones to SHGs</i>	7
<i>Intellectual Property Empowerment Session - Galvanizing PJTSAU Team Towards Innovation and Patent Acquisition</i>	7
<i>Hands on training on Haplotype Analysis- Empowering Breeders on Innovative Approaches in Crop Improvement</i>	8
<i>CAFT Training to enhance skills of Agri Professionals in Agri value chains</i>	8
Collaborations	
<i>PJTSAU and KLH University are joining forces to collaboratively advance scientific empowerment</i>	9
<i>Telangana Sona Rice is on its Way to Tap Broader Markets</i>	9
<i>PJTSAU and AIOI are Poised to Enhance their Collaborative Efforts Further</i>	9
Visitors	
<i>Auburn University Ponders on Collaborative Initiatives with PJTSAU</i>	10
Awards & Honours	10
Cups and Trumpets	11
Celebrations	12

From the VC's Desk



Water stands as an indispensable necessity for all life forms on Earth and without which existence of life itself is under question. India, endowed with merely 4% of the world's fresh water resources and a meager per capita availability of 1100 m³, faces an impending water scarcity crisis. The pressing issues of rapid urbanization and population growth exacerbate the strain on water resources.

Agriculture, pivotal to the livelihoods of the Indian populace, emerges as the primary consumer of water, with approximately 83% of the country's groundwater directed towards agricultural use. However, the erratic rainfall patterns, resulting in cycles of floods and droughts, have led to crop failures. Furthermore, the intensive reliance on groundwater for agriculture has precipitated a significant decline in the water table. Subsidized electricity provision to farmers has further exacerbated the situation, prompting excessive pumping of groundwater, resulting in water table depletion of up to 4 meters in various regions.

The imperative now lies in the agricultural sector adopting sustainable irrigation methodologies to enhance water use efficiency, minimize losses, and safeguard water quality. Transitioning from traditional flood irrigation to drip irrigation alone could reduce water usage by 40%. Additionally, implementing alternate wetting and drying (AWD) techniques for lowland rice, employing precision sprinklers with pressure regulators and nozzles for uniform water distribution, utilizing soil moisture sensors for real-time data on soil moisture, adopting mulching to mitigate evapotranspiration losses, employing proper irrigation scheduling, crop diversification towards crops like maize and millets which consume less water, strategies for efficient rain water harvesting etc are key avenues to curtail water usage in agriculture.

Government intervention is crucial in educating the populace on efficient water utilization. The absence of water fees or charges in most states underscores the necessity of appropriately pricing water and related services. This approach can incentivize reduced wastage, pollution, increased investment in water-related infrastructure, and a heightened appreciation of watershed services. Community-based schemes like the *Atal Bhujal Yojana*, operational across 8220 village panchayats in seven states, have proven instrumental in enhancing villagers' understanding of water availability and usage patterns, enabling them to manage water usage judiciously. Initiatives like "*Pani Bachao Paisa Kamao*" in Punjab incentivize farmers to curtail groundwater usage. It is incumbent upon all stakeholders to awaken to the imperative of efficient water usage, minimizing wastage, to ensure the legacy of safe water for future generations.

M. Raghunandan Rao
Vice Chancellor

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New Initiatives

Rythu Nestam – Real Time Digital Connect of Expert with Farmers

PJTSAU's Electronic Wing, in collaboration with the Department of Agriculture, Telangana initiated the "Rythu Nestam" live program, connecting scientists, farmers, and department officials in real-time. This new digital initiative is supported by RKVY funds amounting to Rs. 96 crore for a three-year period (2023-2025), with the aim to connect 2601 Rythu Vedikas across the state. The Rythu Nestam Programme was launched by Sri A. Revanth Reddy garu, the Hon'ble Chief Minister of Telangana on 6th March, 2024 connecting 110 Rythu Vedikas in the presence of Sri Mallu Bhatti Vikramarka garu, the Hon'ble Deputy Chief Minister, Sri Tummala Nageswara Rao garu, the Hon'ble Minister for Agriculture, Marketing, Cooperation and Handlooms & Textiles, Sri Komati Reddy Venkat Reddy garu, the Hon'ble Minister for Roads and Buildings, Sri Ponnam Prabhakar garu, the Hon'ble Minister for Transport and B.C Welfare, Sri M. Raghunandan Rao IAS, Secretary, Agriculture and Cooperation and Vice Chancellor, PJTSAU, Sri B. Gopi IAS, Director of Agriculture, Dr. P. Raghu Rami Reddy, Director of Research, Dr. V. Sudha Rani, Director of Extension.

This initiative enables farmers to engage directly with agriculture extension officers and experts. The platform aims to empower farmers by providing access to valuable insights and best practices in the agricultural sector; thereby enhancing productivity. Farmers from various districts actively participated in the video conference, contributing their experiences and insights on farm practices.

Sri Revanth Reddy garu in his address emphasized that Rythu Nestham would significantly contribute to understanding the challenges faced by farmers throughout the agricultural seasons and provide them with real time solutions. Farmers can directly interact with experts, gaining insights into the latest technologies and best practices to enhance their productivity. The Government remains steadfast in its commitment to support farmers at every stage of the farming process, from sowing crops to harvesting and marketing their produce. Farmers, public representatives, and officials at the respective Rythu Vedikas, as well as state and district-level officials, and faculty from the Electronic Wing graced the occasion.



Virtual inauguration of Rythu nestham by the Hon'ble Chief Minister Sri A. Revanth Reddy garu



Farmers from Rythu vedikas across the state interacting with the University officials

Meetings, Conferences, Seminars, Exhibitions

AGRITECH SOUTH 2024 - Paving Way for Tech-Innovations

The 4th edition of CII AGRI TECH South 2024 and AGRI VISION 2024 Expo organized by the Confederation of Indian Industry - Southern Region at PJTSAU from February 15th to 18th, 2024, aimed to showcase the best and latest agricultural inputs, products, services, and technologies to drive the future of agriculture. The event was inaugurated by Sri Tummala Nageswara Rao garu, the Honourable

Minister for Agriculture, Telangana. In his address, he emphasized the importance of positioning Telangana as a premier hub for cutting-edge agricultural technology and superior products. He urged CII to organize similar exhibitions and conferences at the district, mandal, and Rythu Vedika levels, stressing the need to directly engage with farmers.

The event also served as a platform to convene experts from across the globe in the agricultural space, along with key representatives from government, industry, academia, and the farming community. They discussed and deliberated on priorities in the agriculture sector to chart out an agenda for its growth in the country. Plenary sessions covered various topics including harnessing digital technologies in agriculture, regenerative agriculture for social, economic, and environmental sustainability, challenges and opportunities in animal husbandry, fisheries, and the poultry sector, as well as discussions on

speciality crops, managing water and fertilizer for sustainable intensification, climate change mitigation and adaptation in agriculture, the role of Farmer Producer Organizations (FPOs) in agricultural development, agricultural mechanization for smallholders, and sustainable horticulture for nutritional security. The event also featured an exhibition showcasing the latest technologies in the agricultural sector, providing attendees with practical insights into innovative solutions for enhancing agricultural productivity and sustainability.



Inauguration of exhibition by the Hon'ble Minister of Agriculture Sri Tummala Nageswara Rao garu



Sri Tummala Nageswara Rao garu, the Hon'ble Minister interacting with exhibitors at the exhibition

Buyer-Seller Meet - To Strengthen and Guide FPOs

A buyer-seller meet was organized as part of NABARD sponsored project on “Strengthening FPOs through Good Agricultural Practices: Crop diversification, Technology transfer, Yield Gap Analysis and Value Chain Management” at Extension Education Institute, Rajendranagar. Smt. Susheela Chintala, the Hon'ble chief guest and CGM of NABARD during her address, elaborated on various NABARD schemes beneficial to farmers and urged FPOs to utilize NABARD's services. She emphasized the need to bolster FPO support for further strengthening. Additionally, she commended PJTSAU's efforts in undertaking the project to enhance FPOs.

Dr. Seema, Dean of Agriculture, PJTSAU, highlighted the significance of agriculture profitability and stressed FPOs' pivotal role in achieving it, suggesting that each FPO should aim for uniqueness in branding based on the distinct quality of its produce. Dr. V. Sudha Rani, Director of Extension, PJTSAU, emphasized the importance of group dynamics in effective functioning of FPOs. Dr. C. Narendra Reddy, Associate Dean, College of Agriculture, R Nagar, underscored the importance of FPOs and advocated for marketing orientation to make agriculture profitable. Dr. M. Jagan Mohan Reddy, Director, EEI, discussed marketing opportunities and avenues for selling produce. Dr. K. Madhu



Smt. Susheela Chintala, CGM, NABARD inaugurating the exhibition



Smt. Chintala delivering the inaugural address at Buyer - Seller Meet

Babu, the project investigator, provided an overview of the project's progress. A panel discussion involving buyers from various companies, CO-PIs, farmers, FPO members, and office bearers took place, allowing for interaction with farmers. Various products from different FPOs were

showcased during the event. The event featured the esteemed presence of Dr. Gumma Golmath, Director, MANAGE, Dr. Prasad Rao, Chairman and MD, Evergreen co. CEOs of FPOs, Chairman, FPO Members, DDM – NABARD Sri Vinay Kumar, Sri Piyush, CO-PIs of the project.

ZREAC Annual Meetings – Ponders on Need for Dissemination of University Technologies to the Farmers

The Zonal Research and Extension Advisory Council Meetings (ZREAC) of Central Telangana Zone, Southern Telangana Zone and Northern Telangana Zone were held on 18th - 19th, 21st - 22nd and 27th - 28th March at RARS, Warangal, Udayaditya Bhavan, Collector Complex, Nalgonda and RARS, Polasa, Jagtial respectively. Dr. P. Raghu Rami Reddy, Director of Research and Dr. V. Sudha Rani, Director of Extension presided over the sessions. Dr. P. Raghu Rami Reddy in his inaugural address emphasized the need on farm mechanization to make agriculture profitable. He further added that HDPS cotton technology has a great potential in attaining higher yields, hence emphasized on large scale demonstration of the technology at farmers field for effective dissemination of improved technologies. Dr. V. Sudha Rani underscores the need for effective dissemination of University technologies to farmers through field demonstrations for improving the yields and for attaining sustainability in agriculture. Farmers and department officials engaged in dialogue with scientists to

address challenges encountered during the *kharif* and *rabi* seasons, as well as climate changes specific to their regions. Through interactive sessions, researchable areas for the upcoming season were identified. The meetings were attended by Associate Directors of Research, Principal Scientists specializing in various crops and themes, scientists, officials from agriculture and allied departments, and progressive farmers from the respective zones.



Release of books by dignitaries at ZREAC, NTZ



The dignitaries interacting with farmers at ZREAC, CTZ



Scientists Interacting with farmers at ZREAC, STZ

National Conference - Integration of Multidisciplinary Sciences for achieving Sustainable National Development

A one-day National conference titled "Advances in Science and Technology for Sustainable Development" was organized by Agricultural College, Jagtial, in collaboration with the Indian Science Congress Association on 22nd March, 2024. The event saw participation from multidisciplinary

faculty, research scholars, and students from various fields including Agriculture, Veterinary, Medical Sciences, Engineering and Technology.

Dr. K. Seetharam Babu, Executive Member of ISCA and the chief guest in his address emphasized the pivotal

role of science and technology in sustainable development, stressed on the significance of multidisciplinary science conferences for national growth. Dr. G. Sreenivas, Associate Director of Research, RARS, Jagtial, delivered a keynote address on climate risk management in Agriculture, highlighting the importance of new agricultural technologies for national progress. Following this, Prof. Kamakshi Prasad, Principal of University College of Engineering, JNTU, Jagtial, discussed the impact of advances in computing systems on social and economic growth. Dr. T. Madhava Rao, Associate Dean, College of Veterinary

Sciences, Korutla, focused on recent emerging trends in farm, companion, and wild animal medicine and surgery for veterinary practitioners. Dr. L. Ramulu, Superintendent, Government Civil Hospital, Jagtial, shed light on sustainable development.

The conference featured 250 delegates from diverse disciplines presenting oral and poster presentations. In essence, the National Conference emphasized the integration of multidisciplinary sciences to achieve sustainable national development through advancements in science and technology.



Dr. K. Seetharam Babu interacting with the participants



Dr. K. Seetharam Babu, Executive Member of ISCA felicitated by dignitaries

Capacity Building

Biotechnological Tools in Crop Improvement – Hands on Training to Enhance Technical Skills in Biotechnology

PJTSAU wrapped up a two-week training program on Biotechnological tools in crop improvement held from 29th January to 10th February, 2024, at IBT, Rajendranagar, Hyderabad under SVP for faculty development funded by DBT-TSCOST. Dr. C.V. Sameer Kumar, Director, IBT, PJTSAU, elaborated the program's objectives, emphasizing its role in enhancing the knowledge and skills of scientists in various aspects of biotechnology and its applications in crop improvement. Dr. Sean Mayes, Global Research Program Director-Accelerated Crop Improvement, ICRISAT, Hyderabad and the chief guest of inaugural session, discussed on the integration of biotechnology and conventional breeding for developing new crop varieties. Dr. P. Raghu Rami Reddy, Director of Research, PJTSAU, emphasized the importance of practical sessions in the program and underscored the contribution of biotechnological tools to crop improvement, particularly in developing disease-resistant varieties, enhancing nutritional quality, and increasing yield potential. Dr. M. Malla Reddy, Associate Director of Research, RARS, Palem, PJTSAU, advocated the need for integrating

conventional breeding with molecular breeding to expedite the development of new crop varieties, especially in light of climate change. Dr. Manish Pandey, PS-Groundnut Genomics, ICRISAT, delivered a talk on genomics and other omics approaches to mitigate biotic and abiotic stresses in crop plants.

The program covered a wide array of topics including molecular markers, gene mapping, marker-assisted selection, genetic transformation, genome editing, bioinformatics, and biosafety. It also featured hands-on sessions focusing on DNA extraction, PCR, gel electrophoresis, restriction digestion, ligation, transformation, and bioinformatic tools.

Dr. Ahmed Kamal, Consultant at TSCOST, Telangana, Hyderabad and the chief guest of valedictory session, highlighted the opportunities in biotechnology and encouraged participants to submit project proposals not only on biotechnology but also on other conventional research in agriculture and allied sectors. Dr. M. Venkata Ramana, Registrar, PJTSAU shared insights on the integration of biotechnology and conventional breeding for

developing new varieties under the scenario of climate change. Following this, participants shared their views and feedback about the program, which concluded with a certificate distribution ceremony and a feedback session.

Twenty five participants from various agricultural and horticultural universities, as well as ICAR and CSIR research institutes across the state participated in the training program.



Dr. Sean Mayes, Global Research Program Director-Accelerated Crop Improvement, ICRISAT delivering the inaugural address



The dignitaries along with the participants of the training programme

“Friends of Coconut Tree” – A Groundbreaking Initiative Aimed at Empowering Coconut Growers

PJTSAU and the Coconut Development Board, Ministry of Agriculture & Farmers Welfare, Government of India, State Centre-Vijayawada, Andhra Pradesh, collaboratively organized a Six-Day Skill Development Programme titled "Friends of Coconut Tree" from 24th to 29th January, 2024 at Agricultural College, Aswaraopet. The program mainly focused on plant protection aspects of coconut, including harvesting using palm climbing devices.

supplementary income and encouraged them to participate actively.

Sri Kumarvel, Deputy Director, Coconut Development Board, Vijayawada, Andhra Pradesh delivered an insightful speech on the significance of coconut cultivation, value addition, and various schemes offered by the Coconut Development Board. He encouraged the trainees to make use of the opportunity. Dr. J. Hemantha Kumar, Associate Dean, delivered the presidential address, expressing delight in organizing the training programme for coconut growers and climbers. He motivated the trainees to understand the importance of the training programme in augmenting their

Dr. I. V. Sreenivasa Reddy, Professor & University Head, Department of Horticulture, shed light on the importance of coconut cultivation in human development, while Dr. K. Gopala Krishna Murthy, Associate Professor & Head of the Department, Department of GPBR, inspired the trainees with his motivational speech. Sri M. Kiran Kumar, Technical Officer from the Coconut Development Board, Vijayawada, explained the significance of the "Friends of Coconut Tree" programme for coconut climbers and growers and also discussed on insurance schemes and other welfare initiatives offered by the Coconut Development Board.

The programme included ten technical sessions covering various aspects of coconut cultivation practices, nutrient and pest management, harvesting, seed production, safe handling, organic farming, and nursery



Distribution of certificates and palm climbing devices to the participants



Hands on training to the participants

management. Additionally, sessions on Yoga, Communication skills, time management, decision making, leadership qualities, social security, positive thinking, and healthy living were conducted at college. Daily rigorous practice on coconut climbing took place at the college farm,

culminating in coconut Olympics on the sixth day. Twenty growers participated in the training and in coconut climbing using palm climbing devices and received certificates along with palm climbing devices in the valedictory session.

Remote Pilot Training on Drones to SHGs

In an endeavor to promote the utilization of drones in agriculture, the PJTSAU Drone Academy at Professor Jayashankar Telangana State Agricultural University conducted Remote Pilot training for Women Self Help Groups (SHGs) and their officials, sponsored by Hindustan Urvarak & Rasayan Limited from 10th to 19th January, 2024. Dr. V. Sudha Rani, Director of Extension, expressed her satisfaction with the initiative to train women SHGs on drones. She encouraged the participants to utilize the benefits of this training and inspire others to embrace drone technology. Dr. P. Raghu Rami Reddy, Director of Research, congratulated all the trainees for successfully completing the training. Dr. M. Venkata Ramana, Registrar, commended the efforts of the PJTSAU staff and collaborator Marut Drones for the successful completion of the first batch of women SHGs from Uttar Pradesh. He suggested further training and motivation to ensure widespread adoption of this new technology. The program saw the participation of

Mr. V. Prem Kumar, Founder CEO of Marut Drones, Dr. Ch. Damodar Raju, PS (Rice) & Head, IRR, Dr. N. R. G. Varma, PS (Ento) and Nodal Officer (Drones), IRR, Dr. T. Kiran Babu, Scientist (Pl.Path) & Accountable Manager, PJTSAU Drone Academy and the Marut Drone Team.



Distribution of certificates to the trainees

Intellectual Property Empowerment Session - Galvanizing PJTSAU Team Towards Innovation and Patent Acquisition

A one-day awareness program on Intellectual Property (IP) was conducted for the faculty of PJTSAU on 20th and 29th January at AgHub, PJTSAU and RARS, Jagtial respectively, in collaboration with TSCOST and sponsored by DST, Government of India. Dr. P. Jagan Mohan Rao, Director (Seeds) and Nodal Officer, IP Cell PJTSAU briefed the participants about the background and objectives of the program, urging active participation and interaction to stimulate innovative thinking in research and development (R&D) and its commercialization. Dr. P. Raghu Rami Reddy, Director of Research, PJTSAU, delivered the inaugural address on IP awareness. He expressed concern that while scientists have been successful in breeding many varieties in different crops, they have not been as successful in patenting and commercializing technologies. Dr. Reddy stressed the importance of the training program in fostering patenting and commercialization efforts, calling for strategies to encourage patenting and establish a patent culture within the university.

Dr. Ch. V. Durga Rani, Ex-Director, IBT, Dr. G. B. Reddy, Professor and Nodal Officer, IP Cell, Osmania University and

Dr. Kalpana Sastry, Managing Director, AgHub, PJTSAU were the key speakers at Hyderabad session and spoke on the history and different types of IPs, insights into the emerging IP ecosystem in universities and legal issues involved in patenting and providing examples relevant to agriculture and industry and building strong IP portfolios in R&D.

Sri Ashok Doppalapudi, Director, IPR-TRIBE and Dr. V. Radhika, Project Scientist (PIC) TSCOST, Govt. of Telangana delivered talk on "Introduction to IP" to create



Director of Research felicitating Dr. G. B. Reddy

awareness by emphasizing patents, copy rights, designs and trade secrets etc. showcasing his expertise in the field of Intellectual Property Rights and on the intricacies of "Indian Patenting Systems", placing a significant emphasis on the patent application process, regulations, grants, and the support provided by TSCOST at RARS, Jagtial.

The awareness program equipped participants with knowledge on maintaining streamlined IP portfolios and managerial procedures, encouraging commercialization efforts to improve the University's ranking. The faculty members from various departments participated in the programme.



Honouring Dr. V. Radhika, Project Scientist (PIC) TSCOST

Hands on Training on Haplotype Analysis- Empowering Breeders on Innovative Approaches in Crop Improvement

PJTSAU, in collaboration with IRRI-ISARC, Hyderabad, organized a two day training program on "Haplotype analysis and their application in breeding" at the Seminar Hall, University Library, PJTSAU on 27th and 28th February, 2024. This training program was conducted as part of the capacity-building initiative under the DBT-Haplo NILs project, with PJTSAU being a participant in the project.

Dr. P. Raghu Rami Reddy, Director of Research and the Chief Guest, emphasized the importance of advanced statistical and bioinformatic tools for rice breeding programs. Dr. Vikas K. Singh, Regional Breeding Head, South Asia, outlined the objectives of the 2-day training program to the participants. Additionally, Dr. Hans Bhardwaj, Global Rice Breeding Head & Director of Rice Breeding Innovations Platform, and Dr. Sankalp Bhosale, Deputy Director of Rice Breeding Innovation Platform & Research Unit Leader, IRRI, Philippines, addressed the participants virtually.

The focus of the training program was on providing hands-on experience with new innovative tools for haplotype diversity analysis, Haplo Pheno Analysis, GWAS,

Et-GWAS, Linkage, and QTL mapping. A total of 50 participants, including scientists, project staff, and PhD research scholars from various institutions i.e PJTSAU, Rajendranagar, IRRI-ISARC, Hyderabad, IRRI, South Asia Hub, Varanasi, ICAR-IIRR, Rajendranagar, TNAU, Coimbatore, NRRI, Cuttack, NRRI Regional Center, Hazaribagh, RARS, Palakkad (KAU), BHU, Varanasi, PAU, Ludhiana, AAU, Jorhat, Central University of Haryana, Jorhat, and IGKV, Raipur participated in the training.



Participants along with dignitaries at the training

CAFT Training to Enhance Skills of Agri Professionals in Agri value Chains

The Centre for Advanced Faculty Training in Community Science, PJTSAU organized a comprehensive 21 days training program on "Nutrisensitive Novel Value Chain Approaches for Agri, Horti, and Allied Components" from 23rd January to 12th February, 2024. The inaugural ceremony was graced by Dr. Mathur, Director, ICAR-IIOR, the Registrar, PJTSAU, the Dean of CCSc, and other officers from PJTSAU.

The training program concluded on February 12th, 2024, with a valedictory ceremony attended by the Dean of CCSc, PJTSAU, University officers, heads of departments, and CCSc staff. The training program saw a footfall of professionals from various institutes to enhance knowledge



The faculty interacting with the trainees

and skills in the field of community science and agricultural value chains. Fifteen Assistant Professors from various State Agricultural Universities (SAUs) and ICAR institutes

across different states such as Himachal Pradesh, Punjab, Uttar Pradesh, Bihar, Telangana, and Andhra Pradesh participated in the training.

Collaborations

PJ TSAU and KLH University are Joining Forces to Collaboratively Advance Scientific Empowerment

A Memorandum of Understanding (MoU) was inked between Koneru Lakshmaiah Education Foundation (Deemed to be University), Hyderabad, and PJ TSAU on 19th January, 2024 with the aim of fostering a dynamic and mutually beneficial collaboration. The duration of this MoU spans three years. Under this agreement, both parties have committed to forming scientist teams tasked with developing comprehensive research projects in mutually identified areas specified within the MoU. These scientist teams will subsequently draft and submit research proposals to funding agencies, overseeing the process until approval and implementation.

Furthermore, the MoU stipulates provisions for providing research guidance to postgraduate and doctoral students, organizing joint workshops, conducting guest lecture series, and undertaking capacity-building activities.

The MoU was formalized with the signatures of Dr. M. Venkata Ramana, Registrar of PJ TSAU, and Dr. A. Rama Krishna, Principal of KLH University, Hyderabad, adhering to the agreed terms and conditions.



Dr. M. Venkata Ramana, Registrar, PJ TSAU and Dr. A. Rama Krishna, Principal, KLH University exchanging MoU

Telangana Sona Rice is on its Way to Tap Broader Markets

PJ TSAU and M/s. JRM Export Pvt. Ltd., Gujarat enter into a Memorandum of Agreement (MOA) on 19th January, 2024 with a purpose to market Telangana Sona Rice, a low glycemic index rice variety, across Gujarat and India. The MoU was signed by company director Mr. Deepak Hilani, and Dr. M. Venkata Ramana, Registrar, PJ TSAU. The officials from the University and representatives from the industry participated in the signing ceremony. JRM Export is an India-based export-import company specializing in agro-food products, particularly basmati rice, non-basmati rice, rice bran, sugar, and wheat. The company's main vision is to supply aromatic and authentic Indian rice and other grains to people worldwide.



PJ TSAU and M/s. JRM Export Pvt. Ltd. on MoU in the presence of University Officers and Rice Research team

PJ TSAU and AIOI are Poised to Enhance their Collaborative Efforts Further

An MoU between the Association of Indian Organic Industry (AIOI), New Delhi, and PJ TSAU was renewed for a period of three years in March, 2024. Over the past two years, four batches have been conducted, with a total of 147 students registered, out of which 121 have successfully completed the course. However, in the last two batches, the majority of participants came from the organic industry,

with only a few (1-2) students registered from PJ TSAU. The response from the industry has been positive, with companies expressing interest in receiving the list of qualified students for potential placement opportunities. Efforts to gain recognition for this course from the Skill Development Authority would likely yield better results if there is an increase in the number of University students enrolling in the program.

Visitors

Auburn University Ponders on Collaborative Initiatives with PJTSAU

A team of faculty from Auburn University, Alabama, USA visited PJTSAU and interacted with University officers and students on 1st February, 2024. The faculty comprising of Dr. George Flowers, Dean of Graduate School; Dr. Bob Boyd, Professor and Assistant Provost for Institutional Effectiveness; Dr. Murali Dhanasekaram, Professor and Director of International Programs, Harrison College of Pharmacy; Dr. Janaki Alavalapati, Dean of College of Forestry, Wildlife and Environment from Auburn University were welcomed by the Director of International Programs, PJTSAU. Dr. George Flowers, the Dean of Graduate School, Auburn University, delivered a PowerPoint presentation detailing various academic programs, infrastructure facilities, the admission process, etc., at Auburn University. He discussed opportunities for collaboration, including undergraduate student internships and research, Master's and Ph.D. programs with financial aid, faculty-to-faculty research collaboration, and visiting positions.

Dr. George Flowers and the faculty from Auburn University addressed various queries posed by the Registrar and Deans of the respective disciplines of PJTSAU regarding academic and research collaborations. The Registrar of PJTSAU briefed the team about the

University's teaching, research, and extension activities, highlighting the various courses offered, research programs conducted, and notable research outcomes. The Deans also expressed enthusiasm for future collaborations in research as well as faculty and student exchange programs.

Subsequently, the team from Auburn University, along with Dr. Anitha, Dean of Postgraduate Studies, and Dr. B. Jamuna Rani, Director of International Programs interacted with students and faculty at the College of Agriculture, Rajendranagar. Final year undergraduate and postgraduate students participated eagerly in the interaction program, seeking clarification on various aspects of collaborations and fellowships offered and raised queries about the admission process and timelines, expenses associated with the MS course (both tuition and living expenses), choice of interdisciplinary and cross-disciplinary courses, industry collaborations, placement opportunities, focus of research by Auburn University, student-faculty interactions, opportunities to assist in projects, requiring GRE/TOEFL/IELTS/PTE scores, support from local student bodies, and timelines for program completion.



Interaction meeting between Faculty, Auburn University, USA and Registrar, University Officers, PJTSAU



Faculty Team, Auburn University with Faculty and Students, PJTSAU

Awards & Honours

- Extension Education Institute (EEI) was awarded with 'Best Institutional Film – EEI' for the film entitled 'Excelling in Capacity Building through Innovative Methodologies' under the category of Agri Film Festival-2023 on 22nd February, 2024. Dr. V. Sudha Rani, Director of Extension, PJTSAU, Dr. M. Jagan Mohan Reddy, Director, EEI, Hyderabad and Sri R. Srinivas, Sr. Technician of the institute received award from the chief guest of the programme Sri Faiz Ahmad Kidwai, IAS, Additional Secretary (RFS/ NRM/ Climate Change/ Extension/ MPS/I&PS/AIF/Marketing), MoA & FW, GoI, New Delhi.
- A patent was granted for drone seed dispensing device on "Method and system for dispensing multi-varied seeds through multi nozzle aerial seed dispensing device" which was jointly developed by PJTSAU, Rajendranagar and Marut drone Tech. Pvt. Ltd, Hyderabad under NABARD-PJTSAU-DRONE-DSR Project on 30th January, 2024.

- Dr. Lakshmi Pooja Sanku, Assistant Professor, Department of Apparel and Textiles, College of Community Science received a patent for research on “Methods of printing on substrate using natural dye textile paints” as in - service Ph.D. candidate, PJTSAU for a period of 20 years i.e., from 8th January 2022 to 2042.
- Dr. E. Shirin Hima Bindu, was awarded patent for the Ph.D. research work on 'Protective Gear' from the

Department of RMCS, College of Community Science, PJTSAU, Hyderabad for a period of 20 years i.e., from 27th January 2021 to 2041.

- Dr. S. Sirisha Deepthi, Assistant Professor, APTX department was granted a patent for her Ph.D. research work on 'A Method for preparing copper nano particles using Sericin and Plant leaf extracts' for a period from 20th May 2023 to 20th May 2043.

Cups and Trumpets

The intercollegiate sports meet was held in grandeur at Agricultural College, Aswaraopet from 5th to 8th February, 2024. Four hundred & twenty five students from 11 constituent colleges of the University participated in the event. The Overall championship in both Boys & Girls category was bagged by College of Agriculture, Rajendranagar. The individual athletics championship in Boys was bagged by Mr. K. Yogesh, College of Agriculture, Rajendranagar and in Girls by Ms. Ch. Sushma Priyanka, Agricultural College, Jagtial.

The Intercollegiate cultural and literary event aimed to showcase students' talents in Literary, Creative Arts, and Performing Arts, fostering sportsmanship among participants was conducted from 11th to 13th March, 2024 at College of Agriculture, Rajendranagar. The college campus buzzed with a festive atmosphere as students enthralled the

audience with their performances in various events. The College of Agriculture, Rajendranagar bagged the overall championship for cultural, literary, and creative arts. A total of 205 students from 11 constituent colleges of PJTSAU participated in the three-day meet.

The interzonal sports, games, cultural and literary meet for non-teaching staff of University was held from 23rd to 24th February, 2024 at Agricultural College, Palem. A total of 175 members from five zones across the state participated in various events.

The sports, games, cultural and literary meet for teaching staff of University was held from 26th to 28th February, 2024 at University sports complex, Rajendranagar. One hundred and ten participants from different zones across the state participated in various cultural & sports events.



The dignitaries at interzonal sports meet of non-teaching staff



Opening Parade of Interzonal sports meet of teaching staff



Students on performance at cultural meet



Winning team with trophy

Celebrations



Womens Day celebrations at Agricultural College, Warangal



Republic day celebrations at Administrative Office, PJTSAU



National Girl child day celebrations at KVK, Wyrā



National youth day celebrations at Agricultural College, Adilabad



Republic Day celebrations at ARS, Tandur

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