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# PJTAU NEWS



## In this issue

### Important Events

Inauguration of Agri Robotics Laboratory – A Milestone in PJTAU Research 2

Mega Plantation Drive – Establishing a Medicinal Tree Block at PJTAU 2

### Workshops, Conferences, Meetings, Seminars, Exhibitions

117<sup>th</sup> Academic Council Meeting: Key Academic Decisions 3

Book Exhibition Organized at Knowledge Management Centre 3

“Telangana Udyamakarla Atmeeya Sammelanam” at PJTAU - Felicitates Vice-Chancellor Prof. Aldas Janaiah 3

Expert Consultative Meeting on “Strategies to Strengthen Telangana Rice in Global Markets” 4

State Consultation on the Draft Seeds Bill, 2025 - Focuses on Farmer-Centric Seed Legislation 4

One-Day Sensitization Programme on Cyber Security Webinar on One Nation One Subscription 5

Intellectual Property Rights - From Research to Rights Kisan Mela and Exhibition- Pondering on Lab to Land 6

### PJTAU – Distinguished Alumni Lecture series

PJTAU Distinguished Alumni Lecture Series 3 - From Fields to Foreign Policy 7

PJTAU Distinguished Alumni Lecture Series-4: Igniting Leadership in Biodiversity for Sustainable Development 7

Global Academic Engagements: International Visits of PJTAU Faculty 7

Training Programme on Value Added Millet Recipes at Nutri Bakers Hub 8

### Collaborations

WSU–PJTAU Senior Delegation Ponders on Academic Collaboration 8

PJTAU and Vietnam Collaborate to Strengthen Biofertilizer Technology 9

PJTAU enters into MoU with TGCU – Focused on Strengthening FPOs 9

Satellite-based Crop Monitoring System for Telangana - A Letter of Agreement signed 9

### Distinguished Visitors

Exposure Visit of Startup Nagaland Delegation to Telangana’s Innovation Ecosystem 9

Delegates from Charles Sturt University- Explore for collaboration with PJTAU 9

### Awards and Honours

#### AGRI VISTA: STUDENT CORNER

Cultivating Minds: Agricultural Education Day at Agricultural College, Warangal 10

Building Sustainable Cities Through Soil Health: World Soil Day 2025 10

Celebrating Colours of Culture: A Traditional Day State-Level Inter-Polytechnic Sports, Literary & Cultural Fest 11

### Other Events

12

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## From the VC's Desk



India has the largest agricultural sector in the world, contributing approximately 14% of the nation's total greenhouse gas (GHG) emissions. Major emission sources include enteric fermentation (53%), fertilizer application to agricultural soils (21%), rice cultivation (17.4%), manure management (6.5%), and burning of agricultural residues (2%). Despite these emission challenges, the agricultural sector holds substantial potential for carbon sequestration through the adoption of sustainable land management practices such as agroforestry, conservation agriculture, improved water management, and innovative livestock management. These practices can significantly enhance soil and biomass carbon stocks, positioning agriculture as a key contributor to climate change mitigation and increasing its relevance in emerging carbon trading mechanisms.

Voluntary carbon market (VCM) is gaining popularity globally. India also has a potential of \$480 million VCM from 2030 to 2070. This can be achieved by increasing the soil organic carbon along with mitigation of emissions from agriculture sector by reduction of C/N inputs into animal husbandry through dietary manipulation, adoption of direct seeded rice or alternate wetting and drying strategies in rice cultivation and efficient recycling measures for crop residue management.

India has advanced its climate action agenda through the Energy Conservation (Amendment) Bill, 2022, which enables the establishment of a compliance carbon market and allows the inclusion of agriculture, particularly energy-related emissions. Further it empowers the Government of India to establish a carbon market and authorize designated agencies to issue Carbon Credit Certificates (CCCs). Each CCC represents the reduction or removal of one ton of carbon dioxide equivalent (tCO<sub>2</sub>e) from the atmosphere. To operationalize this, the Government notified the Carbon Credit Trading Scheme (CCTS) on 28<sup>th</sup> June 2023, in consultation with the Bureau of Energy Efficiency (BEE), to provide accredited carbon verifiers to validate and verify carbon credits. In parallel, the Green Credit Rules, 2023 introduced Green Credits for positive environmental actions such as voluntary tree plantation on degraded lands, operating independently of carbon credits under CCTS.

The Voluntary Carbon Market (VCM) framework aims to build awareness and incentivize farmers to adopt sustainable agricultural practices, enabling them to earn additional income through carbon credit generation. This can support scaling of climate-smart agriculture, improve rural livelihoods, and enhance resilience. Overall, India's diversified carbon market framework positions the country as a potential global carbon credit supplier while promoting sustainable development and green economic growth. The government has to step ahead in educating the farmers on VCM through capacity building, along with development of technologies to measure carbon sequestration thereby empowering the rural youth to exploit the potential VCM market and attain sustainable livelihood.

  
Aldas Janaiah  
Vice-Chancellor

## Important Events

### Inauguration of Agri Robotics Laboratory – A Milestone in PJTAU Research

The first phase of the Agri Robotics Laboratory established at PJTAU with the financial support of the SBI Foundation was inaugurated on 19<sup>th</sup> December, 2025 by Sri Challa Srinivasulu Shetty, the Hon'ble SBI Chairman and Prof. Aldas Janaiah, the Hon'ble Vice-Chancellor. Sri Challa Srinivasulu Shetty the chief guest addressing the gathering stated that an advanced Agri Robotics Laboratory has been established for the first time in an Agricultural University in India. Expressing pride as an alumnus of the University, he said it was a matter of great satisfaction to inaugurate this cutting-edge facility at his alma mater. He emphasized that the laboratory would pave the way for introduction of advanced technologies required in future in the agricultural sector. In view of its significance, SBI Foundation has also decided to extend financial support to AgriHub, an entity affiliated with the university. He further noted that emerging technologies such as artificial intelligence-enabled drones and robotics would be instrumental in attracting youth towards agriculture in the coming years. He congratulated the University administration, faculty,

staff, and representatives of the SBI Foundation for successfully conceptualizing and establishing the first phase of this state-of-the-art laboratory within a year.

Prof. Aldas Janaiah, speaking on the occasion remarked that the agriculture and rural sectors would play a pivotal role in achieving the goals of *Viksit Bharat* by 2047 and *Telangana Rising by 2047*. He highlighted that the future of agriculture lies in artificial intelligence-based technologies and that, as part of the vision of unmanned agriculture, the Agri Robotics Laboratory has been launched with the support of the SBI Foundation. He added that by 2030–2035, the use of robots, drones, unmanned tractors, and sensors is expected to become widespread in farmers' fields across Telangana, and Universities are actively engaged in research to realize this vision. Dr. G. Venkateswarlu, AgriHub CEO, Dr. Jella Satyanarayana, Head, ARISA Lab Project, the University officials, senior SBI officials, scientists, and students participated in the program.



*Inauguration of Agri Robotics Laboratory by Sri Challa Srinivasulu Shetty, the Hon'ble SBI Chairman*



*Lightening of lamp during the inaugural session*

### Mega Plantation Drive – Establishing a Medicinal Tree Block at PJTAU

A mega plantation drive was organized on 11<sup>th</sup> October, 2025 at the University Botanical Garden, under the AICRP on Agroforestry, with financial support from Arcesium India Private Limited, Madhapur, and in collaboration with Nirmaan NGO, Hyderabad, to establish a Medicinal Tree Block. The initiative aims to conserve biodiversity and serve as an important educational and research resource under the silvi-medicinal agroforestry system. The programme was graced by Prof. Aldas Janaiah, Hon'ble Vice-Chancellor, PJTAU, who emphasized the importance of a medicinal block in biodiversity conservation, awareness creation, education, and advancing research in agroforestry. Dr. G. E. Ch. Vidya Sagar,



*The Hon'ble Vice-Chancellor and University officials at the Mega Plantation Drive*

Registrar, PJTAU, highlighted the message “*Vruksho Rakshathi Rakshithaha.*” Representatives from Arcesium and Nirmaan appreciated the initiative as a meaningful CSR contribution towards environmental sustainability and climate protection.

The event witnessed the active participation of University officers, faculty, staff, students, 180 volunteers,

and representatives from Arcesium and Nirmaan, who collectively planted 1,000 saplings of 22 medicinal tree species across 10 acres. Several senior officials and scientists of PJTAU were present, making the programme a significant step towards strengthening medicinal tree conservation and agroforestry research at the University.

## Workshops/Conferences/Meetings/Seminars/Exhibitions

### 117<sup>th</sup> Academic Council Meeting: Key Academic Decisions

The 117<sup>th</sup> Academic Council Meeting was held on 18<sup>th</sup> October, 2025 at the University Auditorium, Rajendranagar, Hyderabad, to deliberate on important academic issues related to various educational programmes of the University. During the meeting, the Council resolved to restart the PG programme in Plantation crops at the Agricultural College, Aswaraopet, and the UG programme in Horticulture at the Agricultural Colleges, Jagtial and Aswaraopet, with an annual intake of 60 students, from the academic year 2026–27. The Council also approved the restart of the Ph.D. programme in Crop Physiology at the College of Agriculture, Rajendranagar. In addition, it was decided to introduce a new PG programme, M.Tech. (Digital Agriculture & Technology), at the College of Agriculture, Rajendranagar, from the academic year 2026–27.



*Prof. Aldas Janaiah, Hon'ble Vice-Chancellor addressing the council*

### Book Exhibition Organized at Knowledge Management Centre



*Dr. G. E. Ch. Vidya Sagar, Registrar, PJTAU inaugurating the Book Exhibition*

The Knowledge Management Centre (KMC), Professor Jayashankar Telangana Agricultural University, Rajendranagar, Hyderabad, organized a Book Exhibition on 24<sup>th</sup> and 25<sup>th</sup> October, 2025 at the Knowledge Management

Centre premises. The exhibition was inaugurated by Dr. G. E. Ch. Vidya Sagar, Registrar, PJTAU, in the presence of University officers, faculty, scientists, and students. Reputed publishers and book vendors across India participated in the exhibition, showcasing the latest editions of books in Agriculture and Allied Sciences, Home Science, Food Science & Technology, Agricultural Engineering & Technology, and competitive examinations. The exhibition provided a valuable platform for faculty members, researchers, and students to access and select recent academic and reference materials. The event witnessed enthusiastic participation from teaching and non-teaching staff and students from all PJTAU campuses. The programme was successfully coordinated by Dr. Viveka Vardhan, University Librarian, Dr. N. P. Ravi Kumar, Assistant Professor (LIS), along with the KMC staff.

### “Telangana Udyamakarula Atmeeya Sammelanam” at PJTAU - Felicitates Vice-Chancellor Prof. Aldas Janaiah

On the occasion of the completion of one year tenure of Vice Chancellor Prof. Aldas Janaiah, the *Telangana Udyamakarula Atmeeya Sammelanam* was organized by the

Telangana Movement Activists' Forum at the University Auditorium on 23<sup>rd</sup> October, 2025. The program was held to felicitate Prof. Aldas Janaiah for his leadership and

achievements during the past year. The event featured the release of the Annual Progress Report, followed by a video presentation showcasing the University's accomplishments.

Prof. M. Kodandaram, the chief guest, congratulated Prof. Janaiah on his first year outstanding service in office and commended the many progressive initiatives undertaken by the University. He emphasized the need for a new agricultural policy centred on small and marginal farmers, underscoring agriculture's vital role in Telangana's rural economy and identity. Sri Aakunuri Murali, Chairperson, Telangana Education Commission applauded Prof. Janaiah's inclusive and visionary leadership and a special appreciation for his decision to reserve special seats for the children of agricultural labourers, calling it a landmark step in promoting social equity. Sri Gorati

Venkanna, renowned Telangana singer, poet, and MLC urged scientists and students to consistently advocate for the agricultural sector, describing it as the backbone of society.

In his address, Prof. Aldas Janaiah, Vice-Chancellor credited Sri Enumula Revanth Reddy, Chief Minister and Sri Tummala Nageswara Rao, Agriculture Minister for their guidance and support for rendering many successful initiatives during his one year tenure as Vice-chancellor. Prof. Janaiah further announced the establishment of three new agricultural colleges in Nalgonda, Ranga Reddy, and Nizamabad districts, along with the launch of new horticulture and digital agriculture programs from the next academic year. University officials, retired professors, scientists, faculty members, and students participated in the program.



*Release of Annual Progress Report of PJTAU by the Dignitaries*

## Expert Consultative Meeting on “Strategies to Strengthen Telangana Rice in Global Markets”



*Prof. Aldas Janaiah, Hon'ble Vice-Chancellor delivering his remarks in the meeting*

An Expert Consultative Meeting on “Strategies to Strengthen Telangana Rice in Global Markets” was organized by PJTAU in collaboration with the Telangana State Civil Supplies Corporation on 28<sup>th</sup> October, 2025 at AgHub. The meeting focused on deliberations around recent trends in the global rice market, emerging trade dynamics, and potential export opportunities for Telangana rice varieties. It aimed to bring together policymakers, trade experts, and researchers to exchange insights and develop actionable strategies to enhance Telangana's competitiveness and presence in international rice markets. The consultative platform facilitated meaningful discussions on market access, and policy support required to position Telangana rice as a preferred choice globally.

## State Consultation on the Draft Seeds Bill, 2025 - Focuses on Farmer-Centric Seed Legislation

A State-Level Stakeholders' Consultation on the Central Draft Seeds Bill, 2025 was held on 28<sup>th</sup> November, 2025 at the EEI Auditorium, Rajendranagar, under the chairmanship of Sri Tummala Nageswara Rao, the Hon'ble Minister for Agriculture, Co-operation & Marketing, Telangana. The meeting brought together over 150 stakeholders, including farmers, scientists, academia, seed industry representatives, and government officials.

Prof. Aldas Janaiah, Vice-Chancellor, PJTAU, highlighted the need to strengthen farmer protection in the seed sector and called for amendments to key provisions of the Bill, emphasizing mandatory State representation and approval in seed regulation. The Hon'ble Minister stressed that agriculture being a State subject, seed legislation must address local needs, ensure accountability of private seed



**Sri Tummala Nageswara Rao, the Hon'ble Minister for Agriculture, Co-operation & Marketing, Government of Telangana addressing the stakeholders**

sellers, and provide a mandatory compensation framework for farmers.

During the discussions, stakeholders raised several critical concerns, including the absence of a mandatory compensation mechanism for farmers affected by spurious or sub-standard seed, the need to strengthen penalties and clearly redefine spurious seed, and the necessity for State control over seed registration, pricing, trials, and certification. Emphasis was also laid on mandatory multi-year local trials for imported varieties, strengthening

district-level seed testing laboratories, inclusion of ICAR and SAU scientists in licensing committees, and providing protection to seed producers through insurance support and direct MoUs with seed companies.

The consultation unanimously emphasized farmer compensation, strict enforcement, State-led seed regulation, and effective price control mechanisms. The consolidated recommendations, along with proposed amendments by PJTAU and the State Department of Agriculture, were submitted to the Central Government for consideration.



**Prof. Aldas Janaiah, Vice-Chancellor, PJTAU delivering the welcome address**

## One-Day Sensitization Programme on Cyber Security

The Centre for Human Resource Development (C-HRD) organized a one-day sensitization programme on “Cyber Security in Agriculture and Allied Sectors – Safeguarding Digital Progress” on 29<sup>th</sup> November, 2025 at the Seminar Hall, EEI, Rajendranagar, Hyderabad. This programme marked the first self-funded initiative of C-HRD and witnessed the participation of about 60 participants from PJTAU, VIKASA Foundation, P. V. Narsimha Rao Telangana Veterinary University, the Department of Agriculture, and the Rice Research Unit, ARI, Rajendranagar.

Dr. G. E. Ch. Vidya Sagar, Registrar, PJTAU, graced the programme as the Chief Guest and congratulated C-HRD for organizing a programme which is need of the hour. Also emphasized the University's commitment in addressing emerging digital challenges and meeting the evolving needs of staff members and the farming community. The technical sessions featured eminent experts in the field of cyber security. Dr. Anil Rachamalla, Founder and CEO, End Now Foundation, delivered a lecture on *Social Engineering – Cyber Crimes and Digital Intelligence*, highlighting how internet users are manipulated and the online resources available to counter fraudulent activities. Sri Sai Shiva Reddy Gatla, Project Engineer, C-DAC, Hyderabad, discussed the evolution of the internet, its current utility, and future prospects, with special reference to agriculture. Sri B. Leela

Krishna, Founder and CEO, Cyber Privilege Pvt. Ltd., interacted extensively with participants on social engineering crimes, addressing misconceptions and demonstrating tools for safeguarding sensitive information. The final session was delivered by Sri Santhosh Babu Battar, Associate Director, Enterprise Security Architecture, Novartis Health Care India, who spoke on *“The Gen AI Frontier: Securing the Agri-Stack – Deepfakes, Polymorphic Malware and the Future of Defence”*, drawing attention to next-generation AI and IoT security challenges. The programme concluded with the distribution of participation certificates, followed by a vote of thanks by Sri K. Koteswar, Programme Coordinator, marking a successful and informative event.



**Dr. G. E. Ch. Vidya Sagar, Registrar, PJTAU with the participants**

## Webinar on One Nation One Subscription

An awareness webinar on “One Nation One Subscription (ONS) and Resource Discovery Tools” was organized on 12<sup>th</sup> December, 2025 by the University's Knowledge Management Center. Dr. J. Vivekavardhan, the University Librarian highlighted various information resources available on the internet, explained effective ways to access them in a short time, and created awareness about the ongoing information revolution through social media platforms. Dr. N. P. Ravikumar, Assistant Professor, Library Science elaborated on the One Nation One

Subscription initiative of the Central Government, which enables all Universities and higher educational institutions across the country to access full-text journals online. He also explained the procedure for accessing these resources and the support extended by ONS in the form of Article Processing Charges (APC) for publishing research papers in reputed Scopus-indexed journals. Associate Deans, Heads of various departments, faculty members of colleges, scientists, and students actively participated in the program.

## Intellectual Property Rights - From Research to Rights

A one-day awareness programme on “Understanding Intellectual Property Rights in Scientific Research” was jointly organized by PJTAU and the Telangana Council of Science and Technology (TGCOST) on 20<sup>th</sup> December, 2025 at the EEI Seminar Hall, PJTAU, Rajendranagar. Dr. S. K. Rao, Former Vice-Chancellor, RVSKVV, Gwalior, graced the inaugural session as the Chief Guest and highlighted the need for commercialization of varietal technologies, enhanced licensing to the private sector, and development of value chain-oriented and organic farming-suitable varieties to tap export potential.

In his address, Dr. M. Balram, Director of Research, PJTAU, emphasized the importance of innovative thinking among scientists to generate patentable and commercially viable technologies, particularly in areas such as precision farming, mechanization, and artificial intelligence in agriculture. In the technical sessions, an overview of IPRs was presented by Dr. Umesh Hududamani, ICAR-NAARM, while, detailed insights on patents and filing procedures was given by Dr. H. H. Kumaraswamy, ICAR-IIOR, and a presentation on the status and future strategies of variety

registration and licensing by Dr. M. V. Nagesh Kumar, Director (Seeds), PJTAU. Dr. G. Venkateshwaralu, Managing Director, AgHub, shared recent developments in patenting agricultural and allied technologies.

The programme saw a footfall of 80 participants, including 46 scientists and 34 research scholars, with active participation from Ph.D. scholars during interactive sessions on patent filing and emerging patentable technologies in India and abroad.



*The dignitaries with the participants at the workshop*

## Kisan Mela and Exhibition- Pondering on Lab to Land

A *Kisan Mela* and Exhibition was organized on 12<sup>th</sup> December, 2025 by Telangana *Rythu Vigyan Kendra*, Yadadri Bhuvanagiri. Sri Kadiyam Srihari, the Hon'ble MLA attended the event as the chief guest and emphasized that, to make agriculture profitable, scientific research must move from the laboratory to the farmer's field. He also urged farmers to reduce the use of chemical fertilizers and adopt bio-fertilizers to maintain soil health. Sri Rizwan Basha Sheikh, District Collector, Yadadri Bhuvanagiri highlighted the

importance of adopting modern technologies in agriculture and suggested high-density organic cultivation of cotton to achieve economic sustainability. Dr. Yakadri, Director of Extension, stated that the University's primary objective is to ensure that research outcomes reach farmers directly and effectively. Scientists and a large number of farmers actively participated in the event, making it a successful platform for knowledge exchange and awareness.

## PJTAU – Distinguished Alumni Lecture series

### PJTAU Distinguished Alumni Lecture Series 3 - From Fields to Foreign Policy

The PJTAU Distinguished Alumni Lecture Series-3 was organized on 25<sup>th</sup> October, 2025 at the Seminar Hall, Academic Block, College of Agriculture, Rajendranagar, in hybrid mode. The lecture titled “Agriculture to Diplomacy – A Unique Journey: My Impressions” was delivered by Dr. T. V. Nagendra Prasad, Retd. IFS, former Ambassador of India and a distinguished alumnus of PJTAU.

In his address, Dr. Nagendra Prasad reflected on his journey from agricultural sciences to diplomacy, emphasizing how his grounding in agriculture shaped his professional outlook. He highlighted that agriculture instilled in him the values of hard work, sustainability, patience, and collaboration-principles that are equally vital in international diplomacy. Diplomacy, much like farming, demands trust-building, long-term vision and the ability to reconcile diverse interests. It also requires us to look beyond borders and recognize that global challenges whether food security, climate change or sustainable development are interconnected. He urged students and

faculty to recognize that whether working in the field or at the negotiation table, the ultimate goal remains the same-to contribute towards a more secure, prosperous, and sustainable world. The lecture witnessed active participation of teaching staff, undergraduate and postgraduate students making the event intellectually enriching.



*Felicitating Dr. T. V. Nagendra Prasad, Retd. IFS and former Ambassador of India*

### PJTAU Distinguished Alumni Lecture Series-4: Igniting Leadership in Biodiversity for Sustainable Development

The Distinguished Alumni Lecture Series-4 entitled “Igniting Leadership in Biodiversity to Attain Harmony with Nature and Sustainable Development,” in hybrid mode was delivered by Sri C. Achalender Reddy, Retired IFS Officer and Former Chairman, National Biodiversity Authority (NBA), Government of India on 15<sup>th</sup> November, 2025. Sri C. Achalender Reddy highlighted that in the current era of climate threats, habitat loss, and declining species, leadership in biodiversity is no longer optional but an urgent responsibility. He emphasized that biodiversity is the lifeline of the planet, sustaining food systems, purifying water, stabilizing the climate, and supporting the cultural and economic wellbeing of communities. He noted that when biodiversity thrives, nature flourishes, and in turn, humanity prospers. He stressed that igniting leadership in biodiversity involves inspiring action at all levels-policy makers, scientists, farmers, youth, and citizens. This leadership, he said, must promote innovative solutions, strengthen community participation, and ensure that development decisions respect ecological boundaries. Such an approach leads to harmony with nature, where human



*Sri C. Achalender Reddy, Retired IFS Officer and Former Chairman, National Biodiversity Authority (NBA), GoI delivering the Alumni Lecture*

progress does not come at the cost of the planet. He concluded by underlining that sustainable development lies in balancing economic growth, social equity, and environmental protection for future generations, calling upon everyone to commit to protecting, restoring, and celebrating biodiversity. The faculty of the University, and a large number of students participated in the lecture.

### Global Academic Engagements: International Visits of PJTAU Faculty

- A delegation from Professor Jayashankar Telangana Agricultural University (PJTAU), led by Prof. Aldas Janaiah, Vice-Chancellor, undertook a study tour to

Western Sydney University (WSU), Sydney, Australia, from 31<sup>st</sup> October to 5<sup>th</sup> November, 2025. The visit focused on fine-tuning the PJTAU-WSU dual degree

programmes and exploring further opportunities for collaboration in education and research between the two universities.



*A collaborative agreement between PJTAU-WSU*

- Dr. B. Balaji Naik, Director, C-DAT, and Dr. T. L. Neelima, Senior Scientist (Agronomy), RS & GIS Lab, C-DAT, participated in the international programme

AGRITECHNIA at Hannover, Germany, on 12<sup>th</sup> November, 2025. They also attended the International Workshop on Accelerating Climate Resilient Agriculture in Telangana (ACRAT) held at Berlin, Germany, on 14<sup>th</sup> November 2025.

- Further strengthening PJTAU's global presence, Dr. Y. Swathi, Scientist (Entomology), RARS, Jagtial, participated in a five-day exposure visit to Berlin, Germany, from 10<sup>th</sup> to 15<sup>th</sup> November, 2025, on the theme "Small Scale Farmers and Digital Technologies: Experiences from Telangana and India." She also attended a high-level workshop on Interoperable and Explainable AI and IoT Platforms for Climate Resilient Agriculture, co-hosted by Fraunhofer HHI and ACRAT partners at Berlin.

These international visits underscore PJTAU's commitment to global academic collaboration, innovation, and capacity building in agriculture and allied sciences.

## Training Programme on Value Added Millet Recipes at Nutri Bakers Hub

The scientists of the University have conducted nearly 24 training programmes in various aspects of agricultural importance to educate farmers.

Training Programme cum hands on experience to FPO women farmers was organized on 24.12.2025 by AICRP on Women in Agriculture, Rajendranagar, Hyderabad in association with YFA-Krishi Vigyan Kendra, Madanapuram on millet based value added baked items like ragi beetroot punch and baked ragi beetroot fingers. The women participants were detailed on the importance of drudgery reducing devices for enhanced productivity, income generation through tailoring activities and need for inculcating good manners among young children to become better citizens in future.



*Hands on Experience to FPO Women farmers on value added baked items*

## Collaborations

### WSU-PJTAU Senior Delegation Ponders on Academic Collaboration

A four-member senior delegation from Western Sydney University (WSU), Australia, led by Prof. Ian Anderson, Pro Vice-Chancellor, visited PJTAU on 14<sup>th</sup> October, 2025. The Hon'ble Vice-Chancellor of PJTAU, Prof. A. Janaiah, formally welcomed the WSU delegation. During the visit, the delegation held detailed discussions on the major activities agreed upon under the Memorandum of Understanding (MoU) between WSU and PJTAU, with a

focus on implementing dual degree programmes and initiating joint research projects. Subsequently, the WSU delegation interacted with the UG Dual Degree (3+1) admitted students along with their parents, as well as UG NRI admitted students. The delegation enlightened the students on facilities related to food, accommodation, safety, visa procedures, and internship opportunities available for international dual degree students at WSU.

## PJTAU and Vietnam Collaborate to Strengthen Biofertilizer Technology

A high-level delegation from Vietnam, led by Ms. Le Thi Cam Tien, Chairman of the Board of Directors, New Bioway Organic Development Technological High Joint Stock Company (BIOWAY), Vietnam entered into a Memorandum of Understanding (MoU) with PJTAU on 7<sup>th</sup> November, 2025 to promote collaboration in the field of organic and biofertilizer technologies.

This collaboration would aid in Transfer of knowledge, equipment, and innovations to PJTAU by BIOWAY, establishment of a pilot demonstration unit at PJTAU, Rajendranagar by BIOWAY at its own cost through its affiliate, Vedaviet Organics Private Limited, Hyderabad, Scientific evaluation and field trials of fertilizers produced using BIOWAY technology on PJTAU research farms and development of extension programs for dissemination of the technology to farmers and entrepreneurs, subject to the fertilizers being found scientifically acceptable and



*PJTAU enters into MoU with Bioway, Vietnam*

economically viable. The MoU also provides for the establishment of a Biofertilizer Unit at PJTAU, with BIOWAY supplying all required machinery free of cost, marking a significant step towards strengthening sustainable and organic agriculture.

## PJTAU enters into MoU with TGCU – Focused on Strengthening FPOs

An MoU was signed on 25<sup>th</sup> November, 2025 between the Centre for Human Resource Development (C-HRD), PJTAU and the Telangana Cooperative Union (TGCU). This agreement aims to provide domain experts and manpower

support for the Cluster-Based Business Organization (CBBO) to ensure the successful implementation of the Farmer Producer Organization (FPO) scheme in the state.

## Satellite-based Crop Monitoring System for Telangana - A Letter of Agreement signed

LoA was signed between PJTAU and SARMAP for implementation of the project “Satellite-based Crop Monitoring System for Telangana” on 29-12-2025 in the presence of key officials from the University and the Department of Agriculture. The project aims to generate

crop area monitoring output for all the villages in the state. The Project aims to support evidence-based agricultural planning and policy implementation in Telangana through satellite-based monitoring.

## Distinguished Visitors

### Exposure Visit of Startup Nagaland Delegation to Telangana's Innovation Ecosystem

AgHub hosted representatives from Startup Nagaland, Department of Industries & Commerce, Government of Nagaland, as part of their exposure visit to Telangana's innovation ecosystem. The delegation received

in-depth insights into incubation models, policy-led ecosystem design, and sector-focused innovation through interactions with T-Hub, T-Works, AgHub, WE Hub, RICH, and TASK.

### Delegates from Charles Sturt University- Explore for collaboration with PJTAU

Pro. Michael Friend, Pro-Vice-Chancellor, Charles Sturt University, Australia visited PJTAU accompanied by RICH (Research and Innovation Circle of Hyderabad) team members Rasmi Pimpale, CEO, Ravi Kiran, G, Director, Food

& Agriculture and Maneesha Naryanoori, Manager, Food & Agriculture on 26<sup>th</sup> November, 2025 with a motto to explore for academic and research collaboration between the two Universities.

## Awards and Honours

Dr. K. Vani Sree, Senior Scientist, Pesticide Residues Laboratory, received Dr. Sarvepalli Radhakrishnan Best

Teacher Award, from Society for Learning Technologies, Vijayawada, SOLETE International Awards 2025.

## AGRI VISTA: STUDENT CORNER

### Cultivating Minds: Agricultural Education Day at Agricultural College, Warangal

Agricultural College, Warangal, celebrated *Agricultural Education Day* on 3.12.2025 in honour of Dr. B. Rajendra Prasad, the eminent first President of independent India and a former Union Agriculture Minister. The nationwide observation seeks to familiarize school students with a dynamic expanse of agriculture, highlight its indispensable role in national development and inspire young minds to explore agriculture and allied sciences as promising academic and professional domains.

Thus, as a part of the celebrations, students from various local schools were hosted in the campus and orientated towards the significance, scope, and emerging innovations in agriculture. Guided visits to the vermicompost unit, crop cafeteria, and state-of-the-art laboratories offered them immense exposure to practical systems, cutting-edge methodologies, and ongoing research pursuits. A suite of competitions further stimulated their participation, culminating in the

felicitation of winners. The event was seamlessly coordinated by the final-year AELP students under the guidance of the faculty. The enthusiastic participation of nearly 400 school students infused the programme with exceptional vibrancy, making the celebration both profoundly impactful and enduringly memorable.



Faculty and student's participation in Agricultural Education Day

### Building Sustainable Cities Through Soil Health: World Soil Day 2025

The Agricultural College, Warangal, observed *World Soil Day* on 5 December 2025 in alignment with the theme "Healthy Soils for Healthy Cities." The Department of Soil Science organised a guest lecture by Dr. P. Sridhar, faculty from NIT Warangal, who addressed the growing challenges of solid waste generation, pressures on urban waste management, and the need for collaboration between engineering and agricultural sciences to protect soil health. In addition, the programme aimed to enhance awareness of proper fertiliser application and the crucial role of soil nutrients in crop growth. This objective was strengthened by the expert address of B. Saikumar from Chambal Fertilisers, who delivered an engaging presentation on the significance of micro- and macronutrients and underscored the importance of good agriculture practices for sustainable agricultural production.

The Associate Dean accentuated the crucial role of soil in safeguarding food security and noted the rising

relevance of urban farming, encouraging students to actively promote and practise sustainable agricultural methods. To further foster students' active participation, the college organised elocution, essay writing, and poster-making competitions, providing a platform for them to engage creatively with themes related to soil conservation, waste management, and sustainable resource utilisation.



World Soil Day Celebration at Agricultural College, Warangal

## Celebrating Colours of Culture: A Traditional Day

Agricultural College, Warangal, commemorated *Traditional Day* on 25 October 2025 with a dignified and evocative celebration meticulously curated by the Cultural Club on the eve of *International Kalakarula Day*. The occasion sought to rejuvenate India's cultural patrimony while fostering in students a refined appreciation for their



*College of Agriculture, Warangal Celebrating a Traditional Day*

ancestral traditions. The campus brimmed with festive splendour as students and staff, dressed in traditional finery, presented a colourful tableau of regional customs, sartorial grace, and cultural vitality.

The programme commenced with a formal welcome, followed by a series of captivating cultural performances that included classical and folk dances, melodious musical presentations, and a refined fashion showcase featuring traditional attire from various states. The Associate Dean acknowledged the club's meticulous organisation and emphasised that traditions serve as enduring channels connecting cultural heritage and contemporary society. The student committee, guided by faculty members, organised the event very well. It ended with a thank you speech and group photos, making it an important occasion that celebrated cultural identity, promoted community spirit, and enhanced a shared sense of belonging.

## State-Level Inter-Polytechnic Sports, Literary & Cultural Fest

The Inter-Polytechnic Sports, Literary and Cultural Meet 2024-25 at PJTAU officially kicked off at Agricultural Engineering Polytechnic College, Kandi, Sangareddy, on 16<sup>th</sup> December, 2025. The meet was inaugurated with a traditional lamp-lighting ceremony by Dr. Ch. Venu gopal Reddy, Dean of Student Affairs, along with Dr. K. Jhansi Rani, Dean (Agriculture) & Director (Polytechnics), Dr. K. V. Ramana Rao, Dean (Agricultural Engineering) and R. Swamy, Principal, Agricultural Engineering Polytechnic, Kandi. Dr. Ch. Venu gopal Reddy addressed the students and encouraged the students to participate in extracurricular activities which are essential for holistic student development.

Dr. K. V. Ramana Rao, Dean, Agri. Engineering, PJTAU, attended the event as the Guest of Honour and delivered encouraging message to the students and Dr. Venu gopal Reddy, Dean of Student Affairs, PJTAU delivered the valedictory remarks offering valuable guidance to the students. On this occasion, Dr. Venu gopal Reddy appreciated the students selected from the University for their Active Participation in NSS programmes, noting that they rendered services with discipline and dedication. He stated that such activities help inculcate a spirit of service, leadership qualities and teamwork skills among students,

and that their involvement in various social activities has enhanced the reputation of the university. He further added that participation in sports, cultural and co-curricular activities alongside academics contributes to physical fitness and mental strength. He further noted that committed participation in club activities helps improve leadership qualities and communication skills, while discipline, responsibility and punctuality shape students into successful individuals. To encourage meritorious students, he announced that cash awards of ₹1 lakh, ₹75,000 and ₹50,000 would be given to those who demonstrate outstanding performance at the university or national level.



*The girls winning team with the Overall Championship Trophy*

## Other Events



*Rashtriya Ekta Diwas (National Unity Day) celebrations at the College of Food Science and Technology, Rudrur on 31<sup>st</sup> October 2025*



*Mahila Kisan diwas celebrations by AICRP women in agriculture at EEI, PJTAU, R.Nagar on 15<sup>th</sup> October, 2025*



*Celebration of Constitution day at Agricultural College, Palem on 26<sup>th</sup> November, 2025*



*Mass Singing Programme of Vande Mataram at BJR Agricultural College on 07<sup>th</sup> November, 2025*



*Inauguration of Exhibition on occasion of Agriculture Education day by Hon'ble Vice- Chancellor on 3<sup>rd</sup> December, 2025*



*Celebration of World Soil Day on 5<sup>th</sup> December, 2025 at Agricultural College, Adilabad*

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