

5th PJTSAU CONVOCATION

•• **online** ••

Saturday, 17th April, 2021

**VICE CHANCELLOR'S REPORT
CONVOCATION ADDRESS
CHANCELLOR'S ADDRESS**



Striving for a greener tomorrow...

**PROFESSOR JAYASHANKAR TELANGANA STATE
AGRICULTURAL UNIVERSITY**

Rajendranagar, Hyderabad - 500 030, Telangana State
www.pjtsau.edu.in



**Shri Govinda Rajulu Chintala, Chairman, National Bank for Agriculture and Rural Development (NABARD), Mumbai, India
Addressing the Fourth Convocation**

5th PJTSAU CONVOCAATION

Saturday, 17th April, 2021



Professor Jayashankar
Telangana State Agricultural University

Rajendranagar, Hyderabad - 500 030
Telangana State

www.pjtsau.edu.in

5th PJTSAU
CONVOCATION

Saturday, 17th April, 2021

FIFTH CONVOCATION

Saturday, 17th April, 2021

Welcome Address and Progress Report

Dr. V. Praveen Rao

Vice Chancellor



Hon'ble Governor of Telangana, Hon'ble Lieutenant Governor of Puducherry and the Chancellor of Professor Jayashankar Telangana State Agricultural University (PJTSAU) Dr. Tamilisai Soundararajan *Garu*, Distinguished Chief Guest Professor Ramesh Chand, Hon'ble Member, NITI Aayog, New Delhi, Hon'ble Members of the Board of Management, Members of Academic Council, Graduates of the Year and their Parents, Invited Guests, Faculty members, Staff, Representatives of the Press and Media, Ladies and Gentlemen.

It is with immense pleasure and pride that I welcome you to the Fifth Convocation of the University which is again being held online during the COVID times. PJTSAU extends its greetings to all those present here and to all of you from various parts of the State, joining us through the webcast of this convocation. Let me begin my address by extending my heartiest congratulations to the graduating students and their family members and friends.

It is a great privilege and honour for me to welcome the Hon'ble Governor of Telangana and Chancellor of the University, Dr. TAMILISAI Soundararajan *Garu*, a proud recipient of an international award titled "International Rising Star of the Year – 2018" for her services to the society especially in the field of Politics, Public and Medical Services by multi Ethnic advisory task force, USA under US Congressman Danny. K. Davis. The Governor is known for her strong advocacy towards uplifting living standards of people through better health and preventive care; great admirer of social & cultural strengths of our country; considerate towards inclusion of values & humility right at basic education system.

Madam Governor is a source of inspiration for her energy and commitment, in performing her administrative responsibilities in the Telangana State. PJTSAU is proud to have Dr. TAMILISAI Soundararajan *garu* as Chancellor and is indebted for the constant support and encouragement extended to the University to promote excellence in Education, Research and Extension in Agriculture, Agricultural Engineering & Technology and Community Science.

With a sense of humility and honour, I welcome the Chief Guest, Professor Ramesh Chand, Hon'ble Member, NITI *Aayog*, New Delhi, who is a renowned agricultural economist and a policy maker of repute. Prof. Chand holds Bachelor's and Master's degrees in Agriculture from Punjab Agricultural University, Ludhiana and a Ph.D. in Agricultural Economics from Indian Agricultural Research Institute, New Delhi. Over the last three decades, he has been actively involved in food and nutritional security related agricultural issues.

Prof. Chand, since 2015, is a Member, National Institution for Transforming India (NITI) *Aayog* in the rank of Union Minister of State, Government of India. NITI *Aayog*, formerly known as the Planning Commission of India, is a policy think-tank, chaired by the Prime Minister of India. In this position, Prof. Chand is directly steering India's agricultural development agenda with

major focus on food and nutrition security. Prof. Chand is currently responsible for India's vision, strategy and action agenda for the agriculture sector, including the government's flagship agricultural program for doubling the farmers' income. In the recent past, Prof. Chand also served as a Member of the Fifteenth Finance Commission of India, which determined the devolution of tax resources between the Union Government and the States and recommends fiscal consolidation road map.

In the past, Prof. Chand has worked in senior academic positions as ICAR National Professor; Professor and Head, Institute of Economic Growth, Delhi University; and Professor at Punjab Agricultural University, Ludhiana. Prof. Chand has authored seven books and published more than 150 research papers in reputed national and international journals. For the services rendered in various capacities Prof. Chand has been bestowed with Jawaharlal Nehru Award (1984), Rafi Ahmad Kidwai Award of Indian Council of Agricultural Research (2006) and Atal Bihari Vajpayee Award by Indian Economic Association (2018).

It is my bounden duty to welcome the former Vice Chancellors, former and present, Members of Board of Management, former and present University Officers, Members of the Academic Council, Distinguished Guests, Officers of the Government of Telangana, ICAR, ICRISAT and other distinguished organizations of Government of India, Scientific, Administrative & Supporting Staff and Students of the University. A special note of welcome to the Graduates of the Year and their Parents and Representatives of Press & Media.

With the permission of the Hon'ble Governor of Telangana, Chancellor and the President of the Convocation, I take this opportunity to present the report of the University activities, for the period from 1st August 2019 to 31st July 2020.

The year under report has been witness to unprecedented distress due to COVID pandemic, resulting in loss of lives and livelihoods. It was also a time which revealed the resilience of the human spirit and the opportunity for adaptation and innovation. The new normal taught us to introspect at all levels, respect nature and evolve healthy lifestyle changes. The agriculture sector proved its pivotal role in the nation's survival and economy by staying afloat while all other sectors had to come to a grinding halt. The Government of Telangana supported the farmers through several market related initiatives that helped both the farmer and the consumer. We feel proud to say that the University, despite the lockdown ran the essential services in its research farms, extension centres so that the season's efforts and research material were protected. Though the colleges were closed, keeping the safety of the students in mind, the academic schedule was maintained through online teaching platforms and other reforms in tune with the UGC and TSCHE guidelines issued from time to time. Against this backdrop, I now present the highlights of the activities of the University.

The Board of Management, the apex body governing the PJTSAU held the statutory bimonthly meetings six times on 12th July, 7th September, 16th November and 24th December 2019, 26th February and 29th May 2020 to discuss and approve matters of academic and administrative concern during the period under report.

Two Academic Council meetings were held on 21st November 2019 and 27th May 2020 to monitor academic progress across the faculties. The main emphasis of the administration has been to bring in reforms that would improve the visibility, accountability and performance of all the teaching, research and extension units of the University with the unstinted support extended by the State administration.

The University, its colleges and courses have been accredited by ICAR and recognized by UGC and efforts are underway for preparation of Self Study Reports of 5 Agricultural Colleges,

2 colleges under faculty of Agricultural Engineering & Technology and College of Community Science for renewal of accreditation in 2021. The PJTSAU continued its membership in reputed and recognized scientific bodies viz., Indian Agricultural University Association (IAUA), New Delhi, Institutional Member of National Academy of Agricultural Sciences (NAAS), ICAR, New Delhi, TAAS Institution Member and Member of Asia-Pacific Association of Agricultural Research Institutions (APAARI), Bangkok, Confederation of Horticulture Associations of India (CHAI), Thailand and Confederation of Indian industry (CII), Telangana and Current Science Association, Bengaluru.

The research and extension efforts of the TEAM, PJTSAU were recognized at the national level and the awards received for the year 2019-20 are ample testimony as given hereunder

- a) Award of Excellence, for Agro-meteorological Field Unit of PJTSAU, Rajendranagar, Hyderabad.
- b) NABARD Best Water Conservation Institute award, for Krishi Vigyan Kendra, Palem, Nagarkurnool district.
- c) ICAR Certificate of Appreciation, for AICRP on Forage Crops & Utilization, Rajendranagar, Hyderabad.
- d) AIASA Institution of Excellence Award, for PJTSAU.
- e) *Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protshahan Puraskar*, for Krishi Vigyan Kendra, Wyra, Khammam district.
- f) Annual zonal workshop Certificate of Appreciation, to KVKs, Palem, Adilabad and Wyra for their best performance.

- g) 10th position in ICAR ranking of State Agricultural Universities, Deemed Universities and Central Agricultural Universities.
- h) ISO 9001:2015 Quality Management System Certification.

Academic initiatives have always been University's top priority and some of the new initiatives of the University are given here under

- Three Common Experiential learning units (ELP) of Vermicompost, Soil and Water analysis labs and Polytunnels were put in place in all the six Agricultural Colleges as part of Student READY programme to facilitate uniform hands on training across campuses.
- Establishment of Language/communication labs for improving the soft skills of the students, were initiated at all the campuses across faculties and are at various stages of development.
- Central Instrumentation Cell was further strengthened to enable PG and faculty research.
- Faculty Competence App, a database of faculty profiles was developed for review and improving productivity.
- Health Profiling of the students of constituent colleges was initiated to develop nutritional index.
- The Fourth Convocation was conducted online, a first among State Universities on 27th August 2020 in light of COVID – 19 pandemic.
- In view of the COVID pandemic, online classes were arranged for UG, PG, Ph.D and diploma students through various digital platforms viz., WhatsApp, Zoom, TCSiON and Cicso Webex. The PG & Ph.D final viva voce were permitted online and an extension of 6 months were

granted for submission of thesis during the COVID time as per UGC guidelines. Special grievance cells were formed at all the colleges to address the issues related to academics and student counseling.

I now present a brief overview of the Students Admission and Out turn during the period under report:

Admissions

Undergraduate Programmes

During the academic year 2019-20, the University has admitted 848 students into various Undergraduate Programmes (663 in B.Sc. (Hons.) Agriculture, 65 in B.Tech. (Ag. Engg.), 45 in B.Tech. (Food Technology) and 75 in B.Sc. (Hons.) Community Science.

Postgraduate Programmes

One hundred and sixty five (165) students were admitted to various Postgraduate Programmes (121 in M.Sc. (Ag.), 19 in M.Sc. (Community Science), 22 in MBA (ABM) and 03 in M.Tech. (Ag. Engg.). 44 students were admitted into Doctoral Programmes [39 Agriculture and 05 in Community Science (Home Science)].

Out Turn

Undergraduate Programmes

A total of 558 students passed out from various UG Programmes, (375 in B.Sc. (Hons.) Agriculture, 58 in B.Sc. (Ag.), 2 in B.Sc. (CA&BM), 50 in B.Tech. (Ag. Engg.), 32 in B.Tech (Food Technology) 34 in B.Sc. (Hons.) Community Science, 5 in B.Sc. (Hons.) Home Science and 2 in B.Sc. (Hons.) Food Science & Nutrition.

Postgraduate Programmes

A total of 215 students passed out from various PG and Ph.D. Programmes, comprising 128 in M.Sc. (Ag.), 19 in MBA (ABM), 26 in M.Sc. (Home Science), 03 in M.Tech. (Ag. Engg.), 30 in Ph.D.(Ag.) and 09 in Ph.D. (Home Science).

Academic Excellence

Twenty five (25) students secured Junior Research Fellowships (JRF) and nine (9) students secured Senior Research Fellowships (SRF) for the year 2019-20.

One (1) student from College of Agricultural Engineering, Kandi, Sangareddy qualified in GATE 2019 Examination.

Two hundred and fourteen (214) UG students of the University have qualified in the All India Entrance Examination 2019 conducted by ICAR for admission into various PG programmes across the faculties.

Forty four (44) PG students of the University have qualified in the ICAR - All India Entrance Examination conducted during 2019 for admission into Ph.D. programmes across the faculties.

Forty four (44) students of the University qualified in the National Eligibility Test (NET) examination in various disciplines of agriculture and allied fields conducted by ASRB, New Delhi.

Extra-curricular and co-curricular activities

The students have excelled both in extra / co-curricular activities and brought laurels to the university during the year as given hereunder

- Ms. K. Laxmi Prasanna, B.Sc. (Hons.) Agriculture 2nd year student of Agricultural College, Jagtial bagged two silver medals in the WAKO Indian open international kick boxing tournament 2020 at Talkatora Indoor Stadium, New Delhi held between 9th to 13th February 2020.
- Ms. K. Lakshmi Prasanna, B.Sc. (Hons) Agriculture 2nd year student of Agricultural College, Jagtial bagged two medals viz., silver medal in soft style weapon category and bronze medal in soft style senior female competition in the national wide e-tournament held on 16th May 2020.
- Ms. Navyashree Sangam, B.Tech. (Food Technology) final year student of College of Food Science & Technology, Rudrur won the first prize in poem writing in Hindi in State level competition “Connect-Chancellor” programme held on 2nd June 2020
- Twenty two (22) students from the University have participated in 20th All India Inter Agricultural University Youth Festival 2019-20 (AGRI-UNIFEST) held at IGKV, Raipur, Chhattisgarh from 8th to 12th February 2020. Ms. Syeda Nayyar Sultana, a final year student from Agricultural College, Palem bagged 3rd prize in *Extempore* event.
- Five hundred forty (540) students participated in the Inter Collegiate Sports, Games, Cultural and Literary competitions conducted for the students of constituent colleges of PJTSAU. Boys of College of Agriculture, Rajendranagar, Hyderabad and girls of Agricultural College, Jagtial bagged the overall championship. Ms. Mehar Maneeja a student from College of Agriculture, Rajendranagar bagged athletics individual championship.
- Forty (40) students from PJTSAU, participated in 20th All India Inter Agricultural University Sports and Games Meet held at Sri Venkateswara Veterinary University, Tirupati, Andhra Pradesh from 1st to 5th March 2020.

NSS / NCC Activities

Civic engagement is an important aspect of our education and PJTSAU through its 25 NSS units in 09 constituent colleges and 01 Agricultural Engineering Polytechnic fulfilled this responsibility by enrolling 2500 students as NSS volunteers. The regular activities included 22 sapling plantation programmes, participation in blood donation camps, nine health checkup camps, free eye checkup camps, twenty five Awareness programmes/Rallies/Campaigns at all colleges, involving 1250 NSS volunteers and twenty four *Shramadaan* programmes. 32 programmes were conducted involving 1453 volunteers under *Swatch Bharath campaign*. Apart from the regular activities, Ten (10) NSS Special Camps were organized involving 771 NSS volunteers in identified villages with special emphasis on Agriculture, Sanitation, Health and Nutrition.

The NSS volunteers of the University participated in the following during the period under report

Ms. P. Swathi, of College of Agricultural Engineering, Kandi, Sangareddy participated in the West Zone NSS Pre-Republic Day parade camp at Hemachandracharya North Gujarat University (HNGU), Patna, Gujarat from 5th to 14th November 2019.

Mr. T. Revanth Chowdary and Mr. M. Bhanu Prakash of College of Agricultural Engineering, Kandi, Sangareddy participated in the 5th National Agricultural Youth Convention (NYAC) at Indira Gandhi *Krishi Vishwa Vidyalaya* (Raipur) from 20th to 21st January 2020.

Dr. P. Ramesh, NSS Programme Officer and Mr. K. Karthik, Student of College of Agricultural Engineering, Kandi, Sangareddy participated in the 10th Bharatiya Chhatra Sansad (Indian Student Parliament) at New Delhi from 20th to 23rd February 2020.

NSS volunteers of the University also participated in the State Level Programme on “*Telangana Ku Haritha Haram* (TKHH)” organized at Bakaram Jagir from 30th August to 05th September 2019. Mr. M. Deekshith received first prize in poster making in International Conference on “Meditation and Wellness” Programme organized by Shri Ram Chandra Mission at Kanha Santivanam, Kanha Village, Nandigama Mandal, Ranga Reddy District, Bangalore Highway, Telangana State held from 7th-9th February 2020.

One hundred and fifteen (115) NCC cadets from College of Agriculture, Rajendranagar attended the Firing camps at Golkonda, Annual Training Camp at Bison Training Grounds, Secunderabad and at RVC Centre and College, Meerut Cantonment. Cadets in addition, actively participated in the International Yoga Day, NCC Day celebrations, *Haritha Haram* and other activities. Thirty seven (37) and Twenty two (22) students passed NCC 'B' and 'C' Certificate examinations respectively.

Student Placements

Student's Counseling and Placement Cells are functioning in all the Colleges and Polytechnics of the University. A total of 61 students got placed in different public and private organizations.

Knowledge Management Centre (KMC)

KMC recorded a footfall of 66,720 and played a vital role in supporting teaching, learning, research activities by providing rich collection of print and non-print documents which included 1,49,885 books, 385 foreign and Indian periodicals, 1756 e-books, 4600 e-journals, 10 databases (CABI, Elsevier, CRC Netbase, e-journals, J-Gate, Agriculture and Biological Sciences (CeRA), Krishi Prabha, Krishikosh, DELNET, CMIE-Commodities, Indiastat.com available both offline/online.

KMC continues to be partner in the World bank funded NAHEP project on “National Knowledge Management Centre for Agriculture Education and Research” and is 2nd in NARS Library system to implement EzProxy server after ICAR, New Delhi to provide e-Resource with User ID and Password without IP. KMC tagged about 35,000 books with RFID chip and also procured an RFID self-check system for hassle free circulation of books.

Education apart; University is committed to its mandate of delivering the research outcomes in tune with the emerging challenges of both biotic and abiotic stresses and yield improvement of mandatory crops.

Some of the highlights of the research efforts are:

- Seven (7) improved crop varieties viz., *Warangal Rice-1*, *Kunaram Rice-1* and *Jagtiala Rice-1*, *Palem Pachha Jonna-1*, *Warangal Kandi-1*, *Jagtiala Palli-1* and *Adilabad Kapas-1* were developed and released at State level.
- Seven improved varieties, *Telangana vari 1* (WGL 739), *Telangana jonna 1* (SPV 2437), *Telangana kandi 1* (WRGE 93), Fodder Maize (TSFM 15-5), Hedge Lucerne (TSHL 1) and two in Fodder Bajra (TSFB 15-4 and TSFB 15-8) evaluated under AICRP system at National level were notified and released by CVRC.
- WGL 697, a medium duration (135 days), high yielding (7.0-8.0 t/ha) culture with medium slender grain type, good cooking quality, high HRR (61.5 %) suitable for *Kharif* season was identified in Varietal Identification Committee (VIC) during 55th ARGM and is recommended for the states of Telangana, Andhra Pradesh, Tamil Nadu and Kerala.
- Agro technology on “Raising of Rice Mat Nursery on Polythene Sheet - A Farmer Friendly Technology for Machine Transplanting” was developed and popularized among farming community.

- Mechanization in maize from seed to harvest through multi crop vacuum planter for sowing and combine harvester for harvesting was promoted in 240 acres through large scale demonstrations in farmer's fields in Rangareddy, Warangal, Sangareddy, Karimnagar and Jangaon districts.
- Five MoUs were entered with the private seed companies and Farmer's Cooperative Societies for the production and marketing of University maize hybrids (DHM 117 and DHM 121).
- AINP on Pesticide Residues and the MFPI - Quality Control Laboratory, Rajendranagar have successfully maintained the accreditation with NABL/QCI/ILAC by fulfilling the necessary requirements as per ISO/IEC 17025:2005 Quality Management System and the license is valid upto 13th October 2022.
- Natural Dye Processing and Incubation centre located at Rajendranagar, PJTSAU has produced natural dye paint of 13.12 tonnes (8.2 tonnes white and 4.92 tonnes of colours in fourteen shades) and supplied to paint Ganesh clay idols of various sizes ranging from 8 inches to 6 feet, through TSPCB.
- Millet Processing and Incubation Centre located at Rajendranagar developed technologies for value addition of millets (Ragi vermicelli, Sorghum flour, Multigrain flour, Sorghum rawa, Ragi flour, Bajra flour, Multigrain flour, Ragi vermicelli, Jowar bread, buns and Sorghum biscuits) and marketed under the University brand name Millet Plus.
- Thirty four (34) Agro Advisory bulletins and 24 Short Message Service (SMS) were issued. A total of 475 advisories were disseminated pertaining to crop production, protection and agronomic practices.

- Breeder seed production of major crops to the extent of 2500q and 25000q of foundation / certified / truthfully labeled seed of various crops was produced and distributed
- Cold pressed oil units for safflower, groundnut and sesame were established at Tandur, Palem and Jagtial research stations respectively. Extra Virgin Cold Pressed Safflower Oil under University Brand “PJ TSAU-KarthaGold” was launched and Organic Tandur Redgram Dal under University Brand “PJ TSAU-Pro-Pulse” was promoted by the Hon'ble Chief Minister Sri K. Chandrasekhar Rao *garu* on 2nd June 2020.
- Mustard, a non-traditional crop in the Northern Telangana Zone was introduced by developing relevant package of practices for commercial cultivation.
- Strengthened the seed production infrastructure at research stations of the University under seed hub programme by construction of seed godowns and providing the seed processing machinery to produce quality seed of crops.
- Several initiatives to diversify the agricultural landscape in view of the changed irrigation potential in the State are being validated on field including high density cotton, direct seeded rice, mechanization in major crops and nutri-sensitive agriculture.
- A few agri tech projects involving emerging technologies like, use of drones, artificial intelligence, sensors, IoT have been initiated with active collaboration of Directorate of Research and Ag Hub Foundation at PJ TSAU.

TEAM Extension lead by DAATTCs and KVKs have assessed and refined the PJ TSAU technologies through 131 on-farm trials, 223 front-line demonstrations related to soil and nutrient management, weed and water management, crop varieties popularization, horticulture crops, animal husbandry/ fisheries and home science and 228 minikit trails. Real time agro-advisories

were provided through 1185 diagnostic field visits by the University personnel along with 857 visits in association with Department of Agriculture. The University also organized 26 *Kisan Melas*, 21 *Rythu Sadassus*, 438 Method demonstrations, 122 Group discussions, 473 Training programmes including 40 Skill trainings and 58 Field days were conducted to create awareness and educate the farming community about the latest agriculture technologies. ICT tools were effectively used for dissemination of weather, pest and market intelligence alerts and COVID safety measures through mobile text which were particularly useful for keeping the farmers safe during farm activities.

KVKs and DAATTCs of the University were identified as partners for implementing certain farmer friendly projects in 2019-20.

- Interactive Information Dissemination Systems (IIDS) - *Annapurna Krishi Prasara Seva* in Eight (08) KVKs (Kampasagar, Wyra, Palem, Rudrur, Adilabad, Malyal, Bellampalli and Kothagudem) and Six (06) DAATTCs (Sangareddy, Rangareddy, Karimnagar, Nalgonda, Mahabubnagar and Warangal) are implementing the AKPS model. A total of 22030 farm families were benefitted through IIDS services
- ICAR–National Initiative on Climate Resilient Agriculture (NICRA) – Demonstration of Climate Resilient Technologies - KVK, Wyra, Khammam dist.
- ICAR, GoI - ARYA project to develop entrepreneurial skills in rural youth – KVK, Kampasagar and Malyal.

Electronic Wing, with its modern in-house production studio facilitated the information transfer through the electronic media by way of phone-in-live programmes, recorded 117 programmes in various TV channels and 679 radio scripts for All India Radio. During the period under report, 08 DVDs were produced on crop production, crop protection and success stories.

Eighty video modules were uploaded in PJTSAU You Tube Channel for the benefit of farming community. Under *Chenukaburlu*, a total of fifty three (53) programmes were produced and broadcasted by the students every Wednesday on All India Radio from 1.30 to 2.00 p.m.

Agricultural Technology Information Centre (ATIC) disseminated technology information and agro-advisories to 1437 farmers and stakeholders from different districts of Telangana through their publications and technical bulletins (Diagnostic bulletins, *Vyavasayam* Magazine etc.). An Agricultural compendium comprising package of practices of various crops grown in the State (*Telangana Vyavasyam - Diksuchi*) was compiled by the University which was released by Sri Singireddy Niranjan Reddy, Hon'ble Minister for Agriculture and Marketing, Government of Telangana.

Extension Education Institute (EEI) conducted 38 on-campus, 26 off-campus training programmes benefitting 678 and 752 trainees (Officers of Agriculture and Allied departments of Southern Region) respectively. Skill training programme for Agriculture Extension Service Provider (Govt. of India sponsored programme) was conducted by EEI, Rajendranagar from 24th September to 26th October 2019 and 25th November to 19th December 2019.

Activities under Tribal and SC Sub Plan

The University has been active in implementing the Tribal Sub Plan projects of ICAR through research (AICRP centres) and extension centres (KVKs) benefitting the tribal farmers by organizing forty six (46) technology demonstration programmes and fifty four (54) training programmes on various innovative technologies like, introduction of improved varieties, value addition, IFS, ICM, IPM *etc.* In addition, programmes taken up included supply of seed and creating physical assets like flour mills, vermin beds, tarpaulins, cotton pullers, seed drills, cultivators, goats and backyard poultry. A total of 19672 tribal farmers were benefitted with the various activities of the project.

Under ICAR Schedule Caste Sub Plan various skill development training programmes on drone technology, hydroponics and vertical garden, nursery management and greenhouse cultivation of horticulture crops, ornamental fish production, digital intervention and mobile based Apps, millet based products, fruit preservation, coaching classes for GRE, IELTS and soft skills were organized for 55 PG and 337 SC students from five constituent colleges across the faculties.

Research publications

Faculty members and research scholars of the University published 578 research papers (Teaching 312, Research 234 and Extension 32) in various peer reviewed National and International journals besides authoring chapters in books and publication of large number of popular articles. Of these, 114, 408 and 56 research articles were with less than 5.0, more than 5.0 and more than 6.0 NAAS rating respectively.

Finance and Budget

We are happy to inform that the major financial grants to the University came from the Government of Telangana by way of block grants under Establishment and Scheme Expenditure under Revenue. The block grant approved in the budget for the year 2019-20 was Rs. 30390.72 lakhs, including salaries grant of Rs. 26253.22 lakh and other grants-in-aid of Rs. 4137.50 lakh. The ICAR assistance was Rs. 3815.76 lakh and the Government of India assistance was Rs. 1223.46 lakh. During the year, an amount of Rs. 145.12 lakhs was received from other agencies. Thus, the total budget of the University during the year 2019 - 20 was Rs. 35783.61 lakh.

Other visitors

During this year top dignitaries from State Government and other States visited the University to understand the Education, Research and Extension programmes being carried out and interacted with the university officers, faculty and students. The list of such dignitaries include

- Sri N.H. Shivashankar Reddy, the Hon'ble Minister for Agriculture, Govt. of Karnataka on 27th June 2019.
- Dr. TAMILISAI Soundararajan, Chancellor and Hon'ble Governor of Telangana State on 13th February 2020.
- Sri S. Niranjan Reddy, The Hon'ble Minister for Agriculture, Govt. of Telangana on 23rd January 2020.
- Dr. B. Janardhan Reddy, APC & Secretary (Agriculture and Cooperation), Govt. of Telangana on 14th February 2020.

Inaugurations of new buildings

- The first floor of Hostel-D Annex building (Girls Hostel) at Rajendranagar campus for the PG students of College of Community Science was inaugurated by Hon'ble Vice Chancellor Dr. V. Praveen Rao on 29th August 2019.
- The Girls Hostel building was inaugurated at Agricultural College, Palem, Nagarkurnool district by Sri S. Niranjan Reddy, Hon'ble Minister for Agriculture on 6th August 2019.
- The College building was inaugurated at Agricultural College, Polasa, Jagtial by Sri S. Niranjan Reddy, Hon'ble Minister for Agriculture on 14th December 2019.

Workshops / Trainings / Conferences / Memorial lectures

- The National Librarian's Day was celebrated at Knowledge Management Centre, PJTSAU, Hyderabad on the occasion of 127th Birthday of Padmasree Dr. S. R. Ranganathan, Father of Library and Information Science in India on 9th August 2019.
- An interface meeting of Protection of Plant Varieties and Farmers' Rights Authority, was organized by Government of India along with Seed Sector in PJTSAU, Rajendranagar, Hyderabad on 26th August 2019.
- An interaction meeting with Hon'ble Agriculture Minister, Sri S. Niranjan Reddy and the team of Scientists of International Rice Research Institute (IRRI), Philippines was organized at University Auditorium, Rajendranagar on 27th August 2019.
- The 5th Foundation Day Commemorative Lecture on “Global Innovation in Agriculture to feed 1.7 Billion in India” was delivered by Dr. Rajeev K Varshney, Research Programme Director – Genetic Gains and Director, Centre of Excellence in Genomics and Systems Biology, ICRISAT, Patancheru on 3rd September 2019.
- Sri J. Raghotham Reddy Memorial Lecture 2019 on “Doubling of Farmers Income – An Approach through Food Processing and Value Addition” was delivered by Dr. C. Vasudevappa, Vice Chancellor, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat, Haryana on 18th October 2019.
- Regional Workshop on “Youth as Torch Bearers of Business Oriented Agriculture in South India” was organized by PJTSAU in collaboration with TAAS, APAARI and ICAR – NAARM at University Auditorium, Rajendranagar, Hyderabad on 21st and 22nd October 2019.

- International Hybrid Rice Seed Production Training Course was jointly organized by PJTSAU and IRRI, Philippines in the Conference Hall, Cost of Cultivation Scheme, College of Agriculture, Rajendranagar, Hyderabad from 22nd to 24th October 2019.
- Dr. B. Ramamoorthy 3rd Memorial Lecture on “Smart Farming for Evergreen Revolution” was delivered by Dr. K. S. Subramanian, Director of Research, TNAU, Coimbatore at University Auditorium, Rajendranagar on 1st November 2019.
- National Conference on Use of Fly Ash in Agriculture, Forestry and other purposes was jointly organized by PJTSAU and Centre for Fly Ash Research and Management (C-FARM), New Delhi at University Auditorium, Rajendranagar, Hyderabad during 17th and 18th December 2019.
- Third All India Group Meeting of AINP on Vertebrate Pest Management in collaboration with AINP on Vertebrate Pest Management, ICAR-Central Arid Zone Research Institute, Jodhpur was conducted at University Auditorium, Rajendranagar, Hyderabad on 27th and 28th December 2019.
- MOOCs on “Information handling skills for teaching, learning and research” as a part of ICAR-NAHEP IG Project on National Knowledge Management Centre for Agricultural Education and Research meeting was conducted on 4th January 2020.
- Workshop on “Drone Based Applications in Agriculture” was organized by PJTSAU in University Auditorium, Rajendranagar on 9th January 2020.
- Training programme on “Achieving food and nutritional security through nutrition sensitive agriculture in the context of changing climate” was conducted by Centre for Advanced Faculty

Training, Post Graduate and Research Centre, Rajendranagar from 22nd January to 11th February 2020.

- Dr. L Venkata Ratnam first memorial lecture on “Horticulture – Perspectives and Prospects for Food and Nutritional Security in India” was delivered by Dr. Anand Kumar Singh, DDG (Horticultural Science), ICAR, New Delhi at University Auditorium, Rajendranagar on 24th January 2020.
- The second edition of Exhibition (Agritech South 2020) and Conference on Agri-Technology and Innovation was organized by Confederation Indian Industry in collaboration with PJTSAU and Govt. of Telangana at University Auditorium, Rajendranagar, Hyderabad from 22nd to 24th February 2020.

Six overseas scientific delegations visited the University and evinced keen interest to collaborate on mutually beneficial areas of teaching, research and extension. The delegations represented by the following visitors.

- Prof. Caroline Gross, Deputy Dean of the Faculty of Science, Agriculture, Business and Law from the University of New England, Australia on 12th June 2019.
- Ms. Zhou Dan, Executive Vice President of Longping University along with the Chinese delegation and Director of Longping High-tech International Training Center along with 5 team members and 3 Officials of Telangana State Trade Promotion Corporation Ltd., Hyderabad on 14th June 2019.
- Dr. Bopper Sebastian, Academic Professor, Institute of Plant Breeding, Seed Research and Population Genetics, University of Hohenheim, Germany had an Interaction meeting on “Sharing of experience on Advanced Techniques in Seed Science” on 1st July 2019.

- Prof. Glen Coleman, Executive Dean of Faculty of Health, Engineering and Sciences and Mr. Satya Shah, Associate Director of Marketing from University Southern Queensland, Australia on 23rd October 2019.
- Dr. Sarma C Mallubhotla, Consultant for Agriculture and Food & Nutrition's Security, Ottawa, Canada and Dr. B. Yerram Raju, Advisor, Govt. of Telangana on 22nd January 2020.
- Prof. Dr. Athula Ginige from Western Sydney University (WSU), Australia during 27th & 28th February 2020.

Cooperative Agreements

The University signed and exchanged ten (10) MoUs with various educational institutions, research labs and industrial establishments. Some of them being Cornell Sathguru Foundation for Development (CSFD), Hyderabad; ITC Limited, Secunderabad; Higher Education, Scientific and Cultural Co-operation; University of Peradeniya, Sri Lanka; University of Florida, Florida, USA; Sreenidhi Institute of Science & Technology (SNIST), Hyderabad; Tractors and Farm Equipment (TAFE) Limited, Hyderabad; Iowa State University of Science and Technology (ISU), USA; Centre for Economic and Social Studies (CESS), Begumpet, Hyderabad; Spoorthi Foundation, a Non-Governmental Organization, Karimnagar and Madras Institute of Technology, Tamil Nadu.

Participation of faculty / students in Overseas Programmes

Two PG students of College of Community Science, Saifabad *viz.*, Ms. B. Neeharika and Ms. J. Prasoon and two M.B.A.(ABM) students of College of Agriculture, Rajendranagar *viz.*, Ms. D. R. Pravalika and Ms. V. Mounika completed IARD 402/602 short course under International Agriculture and Rural Development Programme at Cornell University, Ithaca, New York, USA from 14th September to 1st October 2019.

Three (3) M.Sc (Ag.) students majoring in Genetics & Plant Breeding and Seed Science & Technology viz., Ms. Bezawada Akshitha, Ms. Pathuri Sadhana and Ms. Sheela Uday Sri of College of Agriculture, Rajendranagar have pursued part of their M.Sc. thesis research work at University of Hohenheim, Germany from 7th October to 13th November 2019.

Eight (8) faculty members of the PJTSAU were deputed to participate in various international training programmes / conferences / workshops to encourage global exposure at Canada, France, China, Thailand, Australia, Tanzania and USA.

Awards and Honours

Six teaching staff members of the University Dr. B. Neeraja Prabhakar, Professor (Horticulture), College of Agriculture, Rajendranagar; Dr. P. Radhika, Assoc. Professor (SABM); Dr. T. Uma Maheswari, Professor (Entomology), College of Agriculture, Rajendranagar; Dr. Aparna Kuna, Assoc. Professor, Quality Control Laboratory; Dr. M. Shanti, Professor, Agricultural College, Sircilla and Dr. R. Sudhakar, Professor (Academic), O/o Dean of Agriculture, Rajendranagar received State Best Teacher Awards at Ravindra Bharathi, Hyderabad for the year 2019 from the Govt. of Telangana on 5th September 2019.

Dr. B. Savitha, Asst. Director of Extension, received best oral presentation award in the 4th International Conference on Agriculture and Animal Husbandry held on the theme “Advances in Agriculture & Animal Sciences towards Global Food Security”, at University of Hyderabad, Hyderabad from 28th to 30th August 2019.

Dr. M. Goverdhan, Principal Scientist (Agronomy) & Head, presented a paper on “Crop+Livestock+Horticulture Integrated Farming System for Livelihood and Nutritional Security of Farmers of Telangana” in the International Conference on “Sustainable Agriculture Production

for Food, Nutritional and Livelihood Security: A Challenge for Asian Farmers” held at Pattaya, Thailand from 25th to 27th September 2019 and bestowed with Best Oral Presentation Award.

Dr. Ch. Pragathi Kumari and Dr. V Swarna Latha received Young scientist awards in International Conference on “Global research initiatives for sustainable agriculture and allied sectors” organized by Astha Foundation, Meerut, Uttar Pradesh from 20th to 22nd October 2019.

Dr. K. Kavitha, Senior Scientist, AINP on Pesticide Residues Laboratory, Rajendranagar, Hyderabad received Young Scientist Award from Society of Agricultural Research and Social Development, New Delhi during 2019.

Sri K. Shekar, Scientist (Crop Production), DAATTC, Karimnagar received the Young Scientist Award at National Conference on ICIESSD organized by SVPUAT, Meerut held during 20th to 21st April 2019.

Dr. B. Savitha, Asst. Director of Extension was bestowed Women Scientist Award sponsored by Pragati International Scientific Research Foundation, Meerut on the occasion of International Conference on Sustainable Agriculture Production for Food Nutritional and Livelihood Security: A Challenge for Asian Farmers at Pattaya, Thailand held from 25th to 27th September 2019.

Dr. M. Jagan Mohan Reddy and Dr. J. Hemantha Kumar, PCs of KVKs, Palem and Wyrva received the Rythu Nestham Best Scientist Awards on the occasion of Annual Celebrations of Rythu Nestham farm magazine at Swarna Bharath Trust, Muchintal, Shamshabad on 22nd September 2019.

Ms. N. Jemimah, Scientist, AINP on Pesticide Residues Laboratory, Rajendranagar, Hyderabad received Best Thesis Award from Society of Agricultural Research and Social Development, New Delhi during 2019.

Dr. V. Thirumala Rao, Senior Scientist (Plant Breeding), RARS, Warangal received Distinguished Scientist award from Society for Scientific Development in Agriculture and Technology during International Conference on Global Research initiatives for Sustainable Agriculture and Allied Science (GRISAS-2019) held at NAARM, Hyderabad from 20th to 22nd October 2019.

Dr. T. Ramesh, Associate Dean, Agricultural College, Warangal received Professional Excellence Award in the National Symposium on “Cotton Production Technologies in the Next Decade : Problems and Perspectives organized by Cotton Research and Development Association meeting held at Bhubaneswar from 22nd to 24th January 2020.

Dr. K. Vani Sree, Scientist received Professor M.S. Swaminathan Best Scientist Award for Agricultural Entomology from Bose Science Society at National Youth Science Conference for Sustainable Development 2020 held at Pudukkottai, Tamil Nadu on 28th February 2020.

Dr. K. Parimala, Senior Scientist received “Seed Scientist” award from Federation of Telangana Chambers of Commerce & Industry (FTCCI), Red Hills, Hyderabad in September 2019.

Dr. I. V. S. Reddy, Assistant Professor (Horticulture), Agricultural College, Aswaraopet received National Award for the Empowerment of Persons with Disabilities, 2019 under the category – Best Employee / Self Employed with Locomotor Disability (male) 2019 at New Delhi on 3rd December 2019.

Dr. V. Praveen Rao, Vice Chancellor, PJTSAU was nominated for the prestigious 7th M. S. Swaminathan Award instituted by the Retired ICAR Employees Association (RICAREA) on 7th March 2020.

The Vice Chancellor of the University participated in several important meetings concerning the administrative, academic and research priorities of the University and offered technical support in implementation of State Department of Agriculture priorities and schemes. Notable among these are

- Brainstorming Session on “Zero Budget natural farming – Myth or reality” under the Convenership of H.S. Gupta, Former Director General (BISA) at NAAS Complex, New Delhi on 21st August 2019.
- Conservative workshop on “Academia – Industry – Government Organization for quality Agricultural Education” at ICAR-NAARM, Rajendranagar on 23rd August 2019.
- As an expert at the “GHG Emission studies and future planning” conducted by NICRA at ICAR-NRRI, Cuttack on 29th August 2019.
- As Chairman of the committee, participated in Steering Committee Meeting for preliminary report on ZBNF at NASC Complex, New Delhi on 27th September 2019.
- Conference of Vice Chancellors' of the Universities in the State of Telangana held at STML Auditorium, Dr. B. R. Ambedkar Open University, Jubilee Hills, Hyderabad on 3rd October 2019.
- 47th Management Committee Meeting of Extension Education Institute (EEI), PJTSAU, Rajendranagar, Hyderabad at EEI, Rajendranagar on 23rd October 2019.
- Telangana Academy of Sciences (TAS) Sectional Committee Meeting of “Life Sciences including Agricultural Sciences” at CSIR – Indian Institute of Chemical Technology (IICT), Hyderabad on 7th November 2019.

- Organizing Committee Meeting of the XIX International Plant Protection Congress, IPPC 2019 at HICC, Hyderabad on 10th November 2019.
- Brainstorming session in the 14th Annual Group Meeting of All India Network Programme on Organic Farming (AI-NPOF) held at ICAR-CIARI, Port Blair (Andaman & Nicobar Islands) from 12th to 14th November 2019.
- National Conference on “Climate Change Adaptation in agriculture for sustainable livelihoods at NIRD&PR at Rajendranagar, Hyderabad on 22nd November 2019.
- Round Table Discussion on new approaches in sustainable farming system at NITI Aayog, New Delhi on 17th December 2019.
- 7th NICRA Annual Review Workshop held at NASC, New Delhi from 17th December 2019 and on Resilience through Natural Resource Management as Member, NICRA Expert Committee on 18th December 2019.
- ICAR Committee Meeting on Developing Model Act for Higher Agricultural Education Institutions in India at NASC Complex, New Delhi on 23rd December 2019.
- 5th National Youth Convention on next Generation Agri Innovation: Challenges and Opportunities for sustainable employment generation for Agri and allied sector at IGKV, Raipur organized by IGKV and ICAR during 20th and 21st January 2020.
- National Seminar on “Technological Innovations in Oilseed Crops for Enhanced Productivity, Profitability and Nutritional Security” (NOS 2020) at IIOR, Hyderabad from 7th to 8th February 2020 and delivered a keynote lecture on “Enhancing water productivity in oilseeds based production systems” on 7th February 2020.

- Annual VC's conference under the chairmanship of Director General, ICAR on 10th April 2020 via video conference.
- Meeting with Hon'ble Chief Minister and Minister for Agriculture & allied sectors and APC, Government of Telangana on mapping of resources, crop planning, seeds and marketing of agriculture commodities on 20th April 2020.
- Video conferencing meeting of the 15th NICRA Expert Committee (through Zoom) to discuss on future research programmes of NICRA (2020-2025) on 12th June 2020.
- Online meeting on “Deployment of Gyan Kisan App” with Western Sydney University, Australia and River Bridge Ventures, Mumbai represented by Prof. Athula Ginige and his team on 24th June 2020.
- World economic forum Zoom meeting on “Telangana–C4IR engagement” on 26th June 2020.
- Review meeting of NAHEP (IG) subproject on NKMC4AER through Google meet on 2nd July 2020.
- World Economic Forum online meeting on “Telangana–C4IR engagement” on 3rd and 24th July 2020.
- CII Telangana - Reimagining Agriculture 2.0: Post COVID virtual conference on Agriculture and allied sectors' trends for a sustainable tomorrow on 8th and 9th July 2020.
- Executive Council meeting of Indian Society of Agronomy through Google meet as President of ISA on 18th July, 2020.
- Online meeting of ICAR - Agriculture - Technology Compendium evaluation on 21st July 2020.

- Virtual Annual zonal review workshop of KVKs in Zone X coordinated by ICAR-ATARI, Hyderabad through video conferencing on 23rd July 2020.

It gives us great pleasure to see that our efforts to provide knowledge and skill have succeeded when our wards excel. I take pleasure in announcing the Undergraduate and Postgraduate Gold medals for the graduating students of 2019-20.

University gold medals awarded to PG and UG students

A) Gold Medals for Postgraduates

- **PJTSAU Gold Medal** is awarded to **Mr. Manduri Veerendra** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average in M.Sc.(Ag.) in the major field of Agronomy in the faculty of Agriculture.
- **PJTSAU Gold Medal** is awarded to **Mr. Shaik Moizur Rahman** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average in M.Sc.(Ag.) in the major field of Entomology in the faculty of Agriculture.
- **Sri Mandava Venkataramaiah Gold Medal** is awarded to **Ms. Jagapati Buelah** of Agricultural College, Polasa, Jagtial for having secured the Highest Overall Grade Point Average in M.Sc. (Ag.) in the major field of Genetics and Plant Breeding in the faculty of Agriculture.
- **Prof V V Kumara Swamy Memorial Gold Medal** is awarded to **Ms. Vankudoth Shalini** of Agricultural College, Polasa, Jagtial for having secured the Highest Overall Grade Point Average in M.Sc.(Ag.) in the major field of Soil Science in the faculty of Agriculture.

- **Dr. Alapati Appa Rao Memorial Gold Medal** is awarded to **Mr. Thilak S A** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average in M.Sc. (Ag.) in the major field of Plant Pathology in the faculty of Agriculture.
- **APNL Biotechnology Gold Medal** is awarded to **Ms. Ambati Govardhani** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average in M.Sc. (Ag.) in the major field of Molecular Biology & Biotechnology in the faculty of Agriculture.
- **Dr. T. Goverdhan Reddy Memorial Gold Medal** is awarded to **Ms. Dwarapureddi R Pravallika** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average in MBA (Agribusiness Management) in the faculty of Agriculture.
- **Professor Mahammed Taskeen AliNiasee Gold Medal** is awarded to **Mr. Manduri Veerendra** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average among all the disciplines of M.Sc. (Ag.) in the faculty of Agriculture.
- **Bambino Agro Industries Limited Gold Medal** is awarded to **Ms. B. Neeharika** of College of Community Science, Saifabad, Hyderabad for having secured the Highest Overall Grade Point Average in M.Sc. (Home Science) in the major field of Foods & Nutrition in the faculty of Community Science.
- **Syndicate Bank Gold Medal** is awarded to **Ms. Kavitha D K** of College of Agriculture, Rajendranagar for having secured the Highest Overall Grade Point Average in M.Sc (Ag) in the major field of Agricultural Economics in the faculty of Agriculture.

B) Gold Medals for Undergraduates

- The **PJTSAU Outstanding Student Gold Medal** has been awarded for meritorious performance in academic, extra and co-curricular activities across all the faculties of the University, and **24 Mantra Gold Medal and Yog Rishi Swami Ramdev Gold Medal** for having secured the Highest Overall Grade Point Average in B.Tech. (Food Technology) of the University is awarded to **Ms. K. Padma Sree** of College of Food Science & Technology, Rudrur.
- The **79th Annual Convention of Indian Society of Soil Science Commemorative Gold Medal** for having secured the Highest Grade Point in the subject of Soil Science and Agricultural Chemistry; The **Agri–Horti-1983 Batch Rajendranagar Gold Medal** for having secured the Highest Overall Grade Point Average and The **RA/1982 AGRICOS Rajendranagar Gold Medal** for having secured the Highest Grade Point in the subject of Genetics and Plant Breeding in B.Sc. (Hons.) Agriculture amongst all the Agricultural Colleges of the University is awarded to **Ms. Andra Gayathri** of College of Agriculture, Rajendranagar.
- **AGRICOS 1980 Batch Rajendranagar Gold Medal** for having secured the Highest Grade Point in the subject of Agronomy and **Sri. Rajaram Vengaldas Memorial Gold Medal** for having secured the Highest Grade Point in the subject of Plant Pathology in B.Sc. (Hons.) Agriculture amongst all the Agricultural Colleges of the University is awarded to **Ms. Vadla Chandrika** of College of Agriculture, Rajendranagar.
- **Dr. B. H. Krishna Murthy Rao Memorial Gold Medal** is awarded to **Mr. Abhiram A S** of Agricultural College, Jagtial for having secured the Highest Grade Point in the subject of Entomology in B.Sc. (Hons.) Agriculture amongst all the Agricultural Colleges of the University.

- **Pabbathi Subba Rao Memorial Gold Medal** is awarded to **Ms. A Bharathi** of College of Agriculture, Rajendranagar for having secured the Highest Grade Point in the subject of Crop Physiology in B.Sc. (Hons.) Agriculture amongst all the Agricultural Colleges of the University.
- **Dr. B. R. Ambedkar Gold Medal** is awarded to **Mr. Kadagonda Nithinkumar** of Agricultural College, Jagtial for having secured the Highest Overall Grade Point Average in B.Sc. (Hons.) Agriculture amongst the SC/ST students of all Agricultural Colleges of the University.
- **M/s. John Deere India Private Limited Gold Medal; Agricultural Machinery Manufacturers Association of Telangana State Gold Medal; Professor G. Ramana Reddy Gold Medal; Gundavaram Sathyavathi Srinivasa Rao Memorial Gold Medal** for having secured the Highest Overall Grade Point Average; **Sri Kurmaiahgari Narayana Rao Memorial Gold Medal** for having secured the Highest Grade Point in the subject of Soil and Water Conservation Engineering; **Smt. B. Pramila Bai & Sri B. Narsimha Rao Deshpande Memorial Gold Medal** for having secured the Highest Grade Point in the subject of Processing and Food Engineering; **Prof. R. Subramanyam Reddy Memorial Gold Medal** for having secured the Highest Grade Point in the subject of Farm Machinery and Power Engineering in B.Tech. (Agricultural Engineering) is awarded to **Ms. P. Manasa** of College of Agricultural Engineering & Technology, Kandi, Sangareddy.
- **Sankalp Group Gold Medal** is awarded to **Ms. Katheti Bhargavi Devi** of College of Community Science, Saifabad, Hyderabad for having secured the Highest Overall Grade Point Average in B.Sc. (Hons.) Community Science of the University.

Award of Doctor of Science (*Honoris causa*) Degree

In accordance with the resolutions of the Academic Council, Board of Management and with the Concurrence of the Hon'ble Chancellor, PJTSAU decided to award / confer the Doctor of Science (*honoris causa*) to an eminent scientific personality in recognition of their contribution to the field of Agriculture and Allied sectors.

I feel greatly honored to inform that *honoris causa* degree will be conferred upon Prof. Ramesh Chand *Ji*, an eminent Indian agricultural economist and the Chief Guest of this convocation. Sir, your presence has made this convocation ceremony very inspiring for our graduates and for every one of us in the University.

Acknowledgement

Before I conclude, I wish to express my sincere gratitude and thanks to Dr. TAMILISAI Soundararajan *Garu* and the Chief Guest Prof. Ramesh Chand *Ji* and all the invitees for their gracious presence at this Convocation.

The University hopes to receive continued advice, wise counsel and guidance from the Hon'ble Governor of Telangana and Chancellor of the University in its journey to achieve academic excellence and to be truthful to its mission of serving the farmers of the State. I am indebted to the Chancellor for holding this Convocation and presiding over the ceremony.

I acknowledge the magnanimous support and direction received by the University from the Hon'ble Chief Minister Sri K. Chandrasekhar Rao *Garu*, Hon'ble Minister for Agriculture Sri Singireddy Niranjan Reddy *Garu*, Chief Secretary Sri Somesh Kumar, Principal Secretaries, Secretaries, Commissioners and Directors of all the line Departments.

I express my heartfelt thanks to the Members of the Board of Management and Members of Academic Council for the cooperation and support extended to me in the management of University and also holding up the academic standards. It is with their guidance, cooperation and encouragement that the University is emerging as one of the foremost centres of learning and research in farm sector in the country.

I express my sincere thanks to the Director General and other officials of ICAR for their whole hearted cooperation and support for the progress of the University.

I extend my thanks to all the Members from the Press and Media for their kind presence and coverage of the Convocation proceedings.

Dear graduates and medal winners, I take this opportunity to congratulate you for successfully completing your courses from the PJTSAU. I am quite confident that during your stay on the campus you have learned many things both in and outside the class room that will be useful during your future life. I am sure that you will continue to work ethically and in a disciplined fashion. I quote Brian Tracy, a Canadian American Motivational Speaker here.

“It is your attitude more than your aptitude that determines your altitude”

So stay positive and face the world boldly. Bring glory to yourself, your family and in turn to the PJTSAU. I wish each one of you all the success.

With immense pleasure, I now invite, Prof. Ramesh Chand *Ji* to address the Convocation.

Jai Hind



FIFTH CONVOCATION

Saturday, 17th April, 2021

Convocation Address

Prof. Ramesh Chand

Member

National Institution for Transforming India
NITI Aayog, Government of India



Honourable Governor of Telangana, Hon'ble Lieutenant Governor of Puducherry and Chancellor of Professor Jayashankar Telangana State Agricultural University, Hyderabad, Dr. Shrimati Tamilsai Soundararajan; Vice Chancellor of the University, Dr. V. Praveen Rao; Members of the Board of Management and Academic Council; faculty, graduating students, staff members; representatives of electronic and print media; Ladies and Gentlemen, I thank the Chancellor and the Vice Chancellor of Professor Jayashankar Telangana State Agricultural University, Hyderabad, for inviting me to participate in its 5th Convocation and to deliver the Convocation Address.

The graduating students are the stars of convocation, so I would like to begin by offering all of them my warm congratulations, with a special word of congratulations to those who have received awards and medals. I would also like to extend my congratulations to the proud parents, whose role in the success of their children is larger than the children usually think. This is really a day of the students who have worked hard to get their degrees.

The graduating students should feel proud to get their degrees from this university which has a very rich legacy and high reputation. The University got separated from ANGRAU with the creation of State of Telangana in year 2014. During the short period of its independent existence the PJTSAU has risen to new heights and earned several academic laurels to count on the national and international map of agriculture research and education. Because of the reputation of its faculty and their contributions in the frontier area of agricultural sciences the Vice Chancellor of this University is involved in many national level discussions relating to agriculture R&D, education and future of agriculture. We in NITI Aayog regularly interact with Dr. Praveen Rao to get his views and ideas on important agricultural policy issues and the way forward. This recognition is the result of high class research undertaken in the University and visible role in taking improved technology developed in the university in its labs to land. I must appreciate the vision of the leaders of the State to nurture and support this University to play vital role in progress of agriculture, rural economy and overall development of the State.

Convocation is a very special occasion in the academic calendar of any University. It is an occasion to celebrate and also reflect upon how well the University is serving the purpose for which it has been established, how well it is meeting the expectation and aspiration from it, in particular in addressing food and nutrition security of the society and improving agriculture and well-being of farmers and agri labour, who make agri - food production possible and derive their

livelihood from it. This is not the occasion to go into details of all these aspects but I will mention some broad concerns which seem worth consideration by your University in the coming years.

The creation of the State of Telangana and this university coincided with two back to back and severe drought years. Crop output in these two years dropped by 23 and 21 per cent. Again, the year 2018-19 experienced more than 10 per cent drop in total crop output followed by 56.7% increase in year 2019-20. This much volatility in output and income is highly detrimental for the producers as well as for the sector and economy. The biggest challenge in Telangana agriculture is to bring resilience and stability in crop output. This can be done in three ways. One, by developing drought resistant varieties and technology, two, by popularising crop pattern better adapted to vagaries of nature facing the state and three, alleviation of water stress through irrigation or water conservation methods.

The State is located in semi arid tracts with erratic and low rainfall. The State Government is making huge investments and efforts to improve irrigation coverage and availability of water. These efforts will yield desired results if combined with production choices and practices matching the availability of water. While area under irrigation is rising but at the same time area under paddy, a high water consuming crop, is also rising. This defeats much of the purpose of expanding irrigation and water availability for agriculture. The state data shows almost doubling of area under paddy (to 12.9 million hectare) in year 2018-19 compared to the previous peak. This brought laudable achievement in production but it has very serious implications for sustainability and stability of output in the State. The challenge before the agri R&D is to develop an alternative to paddy in low rainfall and water stressed ecologies in the State.

During the last ten years (2008 to 2017) 47 per cent blocks in the State show decline in water table. Adoption of water saving and improved irrigation practices and technology to

increase water use efficiency is imminent in the state of Telangana. The State is making massive investments in irrigation. The potential created must be optimally used. At present cropping intensity in irrigated area is only 158 per cent. The University needs to develop crop sequences and package of technology to raise this to above 180 per cent.

Some pockets in Telangana have made remarkable progress through diversification and new enterprises like seed production. Fruits and vegetables in the State are cultivated on less than 5 per cent of gross cultivated area. This needs special attention, as diversification towards high value crops and sustainable intensification are the promising pathways for future of agriculture in the State.

Despite several initiatives and direct intervention in nutrition, overall level of nutrition remains poor and health outcomes show mixed results across States. India is shown in poor light by the International agencies in child mortality, wastage, stunting and nutrition and health status of women despite the fact that the country has large surplus of staple foods. In some quarters it is mentioned as “Indian Enigma” or “Paradox of hunger amidst plenty”. Many experts blame this on imbalance in diet and imbalance in food production. Special emphasis is placed on increasing intake of millets, pulses and leafy vegetables. Biofortification of crops is suggested as another route to improve nutrition. Researchers at PJTSAU should address these dimensions to attract farmers to raise area under nutri-cereals, vegetables, and biofortified varieties of food crops.

No doubt, you have done very well in the past, the challenge in future is more daunting. We are all aware of climate change, rising stress on water sources, prevalence of under nutrition and malnutrition and food safety issues. India is producing 10% more rice than what is needed in the country. On the other hand, we are meeting more than 60% of our domestic demand for edible oil from import. We are also suffering from chronic deficiency in pulses. It is in the interest of the

country to reduce these imbalances, particularly, on the ground of sustainability of natural resources. This cannot happen without significant breakthrough in productivity of oilseeds and pulses and strong policy support for them. This will require shift in focus of research towards oilseeds, pulses and millets.

Now I turn back to the graduating students. The agriculture scene has undergone sea change since I graduated from a Agricultural University 44 years back. At that time, jobs were available for asking. Various departments related to agriculture, banks and farm input industry used to have regular intake of agriculture graduates matching with the supply. The situation of agriculture and job market has changed dramatically since then. Still these organizations employ agricultural graduates but bulk jobs are not available in any organization. Now the demand lies in diversified areas. Therefore, you need to plan for your professional career differently.

Agriculture is getting modernized and commercialized. Commerce in agriculture is growing. Present status of agro processing and post harvest value addition is much low. As our economy grows, these areas will expand rapidly. Agri business is expanding from seed to agro-processing and agri marketing. This expansion will require professionals with technical knowhow of agriculture. Getting job there requires business oriented skill, aptitude and some personal traits. If PJTSAU offers short duration course in agri-business skills with the involvement of private sector it will be very handy in getting private sector jobs.

Many emerging areas like IT, digital agriculture, e-commerce, value chain, precision farming require hardcore agriculture skill for their application in agriculture. The new farm laws formulated by the Central Government also offer tremendous opportunities for private investments, agribusiness in pre and post harvest agriculture and new employment opportunities. Some of you can even think of becoming entrepreneurs in different areas of agriculture. Your

knowledge of agriculture should give you an edge over others in tapping the new opportunities opened by liberalized policy environment like contract farming, supply of quality inputs, running a farm service centre, plant clinics, running a supply chain between group of producers and consumers, organizing attribute based supply and demand, and providing consultancy services. I strongly feel that agriculture graduates should take cue from engineering graduates. Only small fraction of engineering graduates get technical jobs and a large number go for managerial jobs after obtaining diploma and degrees in management courses.

It may not be wise to restrict your choice to hardcore discipline of agriculture. Do not feel shy of competing in any lucrative job, be it in Civil administration, bank, PSU, police, armed forces, private sector *etc.* I can say with confidence that many of you will succeed in this.

This State has lot of diversity and some pockets have shown high success through diversification towards high value crops. There is scope for further promotion of high value enterprises in small pockets at many places in the state but they require knowledge, skill, technology and market access. Some of you can try organizing farmers in a FPO like organization to grow high value crops under your managerial and technical advice. A new concept of paid farms service (tractors, threshers, sprayers, other farm machinery) to small holders is now emerging, like UBER and OLA.

I will suggest to PJTSAU to develop strong collaboration with private sector. Experts from private sector should be involved in prioritizing research, teaching and commercialization of technology. As the public extension and public employment are shrinking, we need to explore ways and means to attract private sector to play a strong role in all aspects of agriculture. This will be best done if SAUs partner with private sector for technical backstopping and supply of technical manpower suitable for private sector employment. I feel PJTSAU is better placed than

many other agricultural universities to create a new trend of a public sector university taking private sector route for taking new technologies and practices to the farmers of the State.

Whatever you do, whether in private sector, government, or self employment, this degree from PJTSAU will pay you lifelong dividend. In return, you are expected to contribute positively towards the reputation of this Institution through your conduct. I have no doubt that you will look back on your days spent in this institution with nostalgia and fond memories of your academic and non-academic activities. I wish you all happiness and a sense of fulfilment in life.

Thank you and Jai Hind



About the Orator



Professor Ramesh Chand a renowned agricultural economist, is currently Member, National Institution for Transforming India (NITI) *Aayog* in the rank of Union Minister of State, Government of India. He is an agricultural graduate, holding a Master's degree in Agriculture from Punjab Agricultural University, Ludhiana and a Ph.D in Agricultural Economics from Indian Agricultural Research Institute, New Delhi. He served as National Professor, National Institute of Agricultural Economics and Policy Research, New Delhi (2006 - 10); Director, ICAR National Institute of Agricultural Economics and Policy Research, New Delhi (2010 - 15). Over the last three decades, he has been actively involved in food and nutritional security related agricultural issues and in his current position, Prof. Chand is directly steering India's agricultural development agenda including the Government's flagship agricultural program for doubling farmer's income. He is also providing policy related inputs to the Ministries at both the Central and State Governments, concerning land

and water resources, sustainable developmental goals (SDGs), poverty alleviation, forest and environment, sustainable livelihood, smallholder development, food processing, value chain and agricultural marketing.

Prof. Chand, has proven leadership skills, having served as member of many organizations viz., Board of Trustees of CIMMYT (International Maize and Wheat Improvement Center), Mexico, since 2016; Member of the Policy Advisory Council of the Australian Centre for International Agricultural Research, Canberra, Australia, since 2016; Past Member of the World Economic Forum's Global Future Council on the Future of Food Security and Agriculture (2016 - 2018); Co-chair of the Steering Committee on Legume Development program of Bill and Melinda Gates Foundation (BMGF) in India and Key adviser for BMGF Agriculture strategy for Asia, since 2016. He was also a Member of the Fifteenth Finance Commission of India, which determines devolution of tax resources between the Union Government and the States and recommends fiscal consolidation roadmap; he is also serving as Vice Chairman, Commission on Farmers' Prosperity, State of Uttar Pradesh, India. He was entrusted with the special assignments related to agriculture, food policy, food security, farm income, market and prices and WTO and chaired various committees / working groups in this context. He prepared a white paper on medium term priority framework for FAO in India during 2019.

Prof. Chand has extensive international exposure having been a Visiting Professor at University of Wollongong, NSW Australia and Institute of Developing Economies, Chiba Shi, Japan. He has also been a Consultant for research projects with international organizations such as FAO, UNDP, ESCAP, UNCTAD, Commonwealth and World Bank. Prof. Chand has chaired important committees on Food and Agricultural Policy, set up by various Ministries of Government of India and also represented India as nodal officer for agriculture and rural development at SAARC for 7 years. He also acted as India's representative in meetings of G20 and UNESCAP.

He has been nominated as National Convenor by Government of India for UN Food System Summit 2021.

Prof. Chand has over 150 research publications in reputed journals, has authored seven books and ten policy papers focusing on food policy, agri-markets, agricultural growth and development, small-holders' development, natural resource management, food and nutritional security, subsidies and investments, trade and WTO and technology policy.

In recognition of his contributions to academia, policy making and institutional building, he was conferred with several prestigious awards and recognitions which include Atal Bihari Vajpayee Award 2018 of Indian Economic Association; Rafi Ahmed Kidwai Award 2011 by the Indian Council of Agricultural Research for outstanding contribution in the field of Social Sciences; Jawaharlal Nehru Award 1985 by the Indian Council of Agricultural Research in recognition of outstanding research contributions of Ph.D. thesis; Fellow, National Academy of Agricultural Sciences, New Delhi and Fellow, Indian Society of Agricultural Economics, India.



FIFTH CONVOCATION

Saturday, 17th April, 2021

Chancellor's Address

Dr. Tamilisai Soundararajan

Hon'ble Governor of Telangana
Hon'ble Lieutenant Governor of Puducherry
and

Chancellor of Professor Jayashankar Telangana State Agricultural University



Distinguished Chief Guest of the Convocation, Professor Ramesh Chand, Hon'ble Member, NITI Aayog, New Delhi, the Vice Chancellor, Professor Jayashankar Telangana State Agricultural University, Dr. V. Praveen Rao, Esteemed Members of the Board of Management, Members of the Academic Council, Learned faculty and support staff of the University, representatives of the media, respected parents and my dear students, Ladies and Gentlemen.

I am indeed very happy to address the Fifth Convocation of the university. I appreciate that the university is organizing its convocation in the online mode for the second time in view of the adherence to the COVID guidelines for safeguarding the health of our students and other citizens.

You all have worked hard to gain insights and inculcate values to acquire knowledge in your subject of choice. On this significant day in your life, you would be experiencing a certain joy and happiness to see your perseverance, hard work and commitment being translated into achievement.

This is a day of fulfillment for your parents as well as many might have sacrificed their personal happiness and pleasure to make sure that you get the best of education that leads to a better future. This day, therefore, belongs to them in equal measure.

More than the degrees, I am sure, the knowledge and the values you imbibed here, will guide you wherever destiny will take you. On the occasion of the Fifth Convocation of the University, I take this opportunity to extend my heartiest congratulations to the Vice Chancellor, esteemed faculty, staff, recipients of the degrees and medals and to all those who have taught and trained them.

Six years after its formation in 2014, the Telangana State has emerged as a torchbearer of the country in terms of ushering reforms in all the sectors and implementing a variety of welfare schemes. Despite economic setback in 2019-20 due to the COVID pandemic, as per the economic survey report 2020-2021 presented to the Parliament, the economy of Telangana State was among the few states which recovered at a fast pace.

The Central Government led by visionary Prime Minister Shri Narendra Modi *ji* is giving top priority in transforming agriculture and making it sustainable and doubling the farmers' income. Empowerment of the farmers and ensuring agriculture sustainable and profitable to the farmers are the goals, while judicious use of resources and maintaining the food surplus nation objective are the key components of the strategy.

Hon'ble Prime Minister Shri Narendra Modi *ji* always emphasizes on the seamless integration of modern technology with our rich traditional knowledge to make our agriculture vibrant and sustainable.

Similarly, Telangana State government was very proactive and brought out many schemes which were tailor-made for the benefit of farmers during the COVID period when the other service industries had grounded to a halt. Providing quality seeds, *Rythu Bandhu* - financial assistance of Rs.10,000/- per acre for two crops, *Rythu Bima* along with services like uninterrupted power

supply coupled with irrigation facilities had resulted in making the State “Annapurna” the Rice Bowl of the country. Telangana showed a turnaround in other major sectors like power and irrigation as well. Telangana is now a power surplus State. Schemes like Mission *Bhagiratha* had put an end to the drinking water problem and addressed the fluoride problem that was a major health concern. Introduction of the *Dharani*, an Integrated Land Records Management System which enables digital survey of lands was a revolutionary reform that would have far reaching effects on the implementation of various welfare schemes. The portal combines land registration and administration services, acting as a single source for land parcels and discharges land-related functions in an effective and efficient manner.

These measures taken up by the Government have put the State in third position in the Sustainable Development Goals India index declared by the UNO. The Agricultural University has also been performing well following a multi-model approach despite the prevailing situation.

Speaking of pandemic, every aspect of human life has been disrupted as “no one is safe unless everyone is safe”. Education was no exception. Higher education institutions however, have reacted positively. I am happy to learn that, the University has worked to restore academic activities across the faculties for U.G., P.G. and Ph.D. through digital platforms of learning like Zoom, WhatsApp, TCSion, Classroom and Cisco Webex implementing the guidelines of TSCHE, MHRD and UGC and was the first University in the State to conduct the Convocation online. This shows the commitment of the administration towards maintaining the academic standards and the students future. The University has also carried out research and extension activities as per the schedule and released three varieties (*Telangana vari – 1, 2* and *Telangana Kandi – 2*) through Central Varietal Release Committee (CVRC) for cultivation across the country.

In spite of COVID-19 pandemic, the State registered record productions of food grains, oilseeds, pulses, cotton, sugarcane and forage crops. The measures followed by the University to bring about resilience in the prevailing new normal COVID situation are appreciable.

A NABARD survey conducted in 2020 on impact assessment of COVID-19 on Indian agriculture and rural economy indicated an impact on production, farm gate prices, availability of agricultural inputs, prices of agricultural inputs, agricultural marketing and on banking services. In this context, the Government of India, rolled out “*Atma Nirbhar Bharat Abhiyan*” package with many path breaking reforms particularly in agricultural and allied sectors. The financial incentives pertaining to Agriculture and allied sectors include concessional credit boost to farmers through “*Kisan* credit cards” which proposes to cover 2.5 crore farmers with concessional credit worth 2 lakh crore rupees, “Agri-infrastructure fund” of One Lakh rupees to be created for development of agri-infrastructure projects at farm-gate and aggregation points and an amount of Rs. 30,000 crore as “Emergency working capital for farmers” has been made available to farmers. This fund will be disbursed through NABARD to Rural Cooperative Banks and Regional Rural Banks.

It is now very important for all institutions to step up and engage all stakeholders to take forward the vision of our Hon'ble Prime Minister Shri Narendra Modi *ji* of a rejuvenated, ambitious and self-reliant *Bharat*.

I am to understand that the University too has ensured that curriculum is relevant to the industry and promoting entrepreneurship was put in place. This move augurs well as it is in line with the “Start-up India” campaign initiated by the Indian Government to promote financing for start-ups and incentives to boost entrepreneurship and job creation.

Indian Agricultural Universities Association (IAUA) in the 43rd Vice Chancellors convention on “Artificial Intelligence for Smart Agriculture” recommended utilization of technological advances in combination with precision agriculture. It is heartening to see that this agricultural university has already started implementing some of these recommendations.

In this context, I recall that the Chief Guest of the 4th convocation, Sri Chintala Govinda Rajulu, Chairman, NABARD had impressed upon the University to start its own incubator to mentor young entrepreneurs and FPOs for which NABARD was willing to support.

I am pleased to note that the University has put up a proposal to NABARD for establishing a “Center of Innovation and Agri-Entrepreneurship,” in a unique Hub and Spoke model with the main campus at Rajendranagar being the hub and the campuses at Tier 2&3 cities being the spokes.

The University has adapted to the need to brand its research products inline with the Hon'ble Prime Minister Shri Narendra Modi *ji*'s visionary call for Atma Nirbhar Bharat.

The tripartite agreement between PJTSAU, Telangana State Government and ISB, PJTSAU & Befach Pvt. Ltd for facilitating the branding and marketing strategies for sale of *Telangana Sona* (RNR-15048) superfine Rice Variety and commercialization of other food products, *Kartha Gold* (Cold pressed Safflower oil) and *Pro-Pulse* (organic *Tandur Tur Dal*) are all ample evidences.

I am particularly happy with the strengthening of the experiential learning units (ELPs) under STUDENT READY programme that help them gain real-time experience and expertise in addition to attachment of UG students across the faculty to the Agro based and allied industrial units.

The Telangana Government has been aggressive in encouraging MSMEs in the State totaling Rs. 26.05 lakh MSMEs out of which Rs. 25.94 lakh are micro-enterprises, 10,000 are small units while 1,000 are medium units. The government along with networking portal for small businesses “Global Linker” partnered with Bombay Stock Exchange (BSE) to encourage more MSMEs to go public to meet capital requirements. I call upon the young graduates here should keep themselves updated about these developments to increase the scope of their job options and entrepreneurship ventures.

In view of the COVID-19 pandemic, the increased demand for nutritious and chemical-free foods that boost immunity have re-emphasized the need to promote organic farming and home gardening.

I am happy to note that the University has taken up validation of some of the organic farming components in its various research farms to scientifically back up the many claims of several organic farming practitioners.

While ensuring healthy food to all, the bottom line is to ensure that the farmer is also assured of a healthy price. Another area, I feel the University should turn its attention on is the use of non-conventional energy use such as solar energy and bio-conversion of food waste.

I understand that the University is working with the Department of IT&EC, Government of Telangana and several entrepreneurs on emerging technologies to upscale the farming technology, post-harvest management, and marketing & food delivery mechanisms. I wish that we can realize productive outcomes from these efforts.

The growth of University, as I understand, has not only been in terms of mere number but also in terms of quality education, research and extension activities which helped in securing several honours. Apparently, the University administrative office has also become compliant with the ISO 9001:2015 Quality Management System that should reflect in the enhanced efficiency, transparency and productivity of the University. I appreciate the efforts of all those at the helm of affairs for their vision and industry. I congratulate all the teachers, researchers, staff and students for being part of the transformation.

Dear students, while leaving the portals of this University for attaining new goals, either higher degrees or employment, you must take pride in the values imbibed in this great institution.

The world is changing at a very fast pace. Hence, we need a fresh perspective and attitudinal change. A degree is no longer a passage to certain employment.

Innovation and creativity are the key words of the present times. For this, you need to equip yourself and develop your own capacities to the full. Remember that you are a valuable link between the *alma mater* and the community, as the profession you have chosen is in the service of the noble agriculturists.

In the words of the legendary saint Thiruvalluvar from the immortal Thirukkural

உழுவார் உலகத்தார்க்க காணி அஃதாற்றா
தெழுவாரை எல்லாம் பொறுத்து. (Kural 1032)

Meaning:

Agriculturists are the lynch-pin of the world for they support all other workers who cannot till the soil

I call upon each one of you to take a pledge to make the full use of your knowledge and expertise in agriculture and allied fields for the benefit of the farmers, society in general and humanity at large. Sustainable growth can be achieved through a sustainable human resource, which we have to build and provide. I once again congratulate you on this Convocation Day and wish the very best in your future career and life.

As the poet Avvaiyar said...

கற்றது கை மண் அளவு கல்லாதது உலகளவு

Which means...

What you learnt is only a handful, what is unknown or to be learnt, is the size of the world

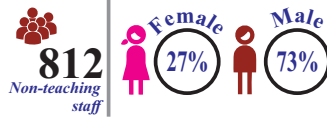
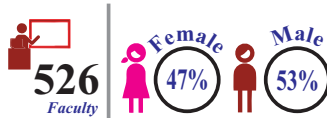
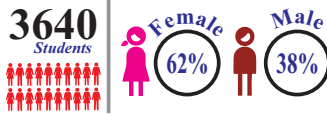
So, go forth into the world in search of whatever you wish to attain, be committed and contribute to nation building.

On this auspicious occasion of the Convocation Day, let us all pledge and resolve to build a Strong and Self-Reliant India and ensure hunger-free world through our efforts in the field of agriculture and allied areas.

Jai Hind



People



Students



Schools



Research



Extension



International Collaborations



National Collaborations



Rankings



Recognition, Accreditation & Membership





EDUCATIONAL INSTITUTES

-  **Agricultural Colleges**
Rajendranagar, Aswaraopet, Jagtial, Palem, Warangal, Sircilla
-  **Agri. Engg. & Technology Colleges**
Kandi, Rudrur
-  **College of Community Science**
Saifabad
-  **Polytechnics**
Palem, Jagtial, Kampassagar, Basanthpur, Madhira, Sangupet, Jammikunta, Matlummeda, Tornala, Rudrur, Rajendranagar

RESEARCH STATIONS

-  **Regional Agricultural Research Stations**
Palem, Jagtial, Warangal
-  **Agricultural Research Stations**
PJTSAU Main Campus, Kampassagar, Tandur, Adilabad, Karimnagar, Mudhole, Kunaram, Rudrur, Madhira, Basanthpur, Tornala, Nathnaipally

EXTENSION CENTRES

-  **Krishi Vigyan Kendras**
Malyal, Rudrur, Wyrta, Adilabad, Kampassagar, Palem, Garimellapadu, Budakalan
-  **DAATT Centres**
Mudhole, Karimnagar, Matlummeda, Warangal, Tornala, Sangupet, Yadadri Bhuvanagiri, Tandur, Palem
-  **Specialised Centres**
Extension Education Institute
Agricultural Information & Communication Centre and PJTSAU Press
Agricultural Technology Information Centre
Electronic Media Wing

9 Colleges | 11 Polytechnics | 15 Research Stations | 21 Extension Centres



Glimpses of
Fourth Convocation
27th August, 2020





Proud toppers of PJTSAU Fourth Convocation - Moving ahead with a mission on Food and Nutritional Security



www.pjtsau.edu.in