



From the Vice-Chancellor's Desk

ANGRAU celebrated its 59th Foundation day on 12th June, 2023 in a grand way and it is a momentous occasion in the agricultural history of India. Over the past 59 years, this University has been at the forefront of agricultural research, education, and transfer of technology. The faculty have strived to empower generations of students with knowledge and skills that contribute to the growth and development of the agricultural sector in our great nation, India.

As I reflect on our journey, we are reminded of the vision and dedication of many scientists of this University. Their foresight and commitment laid the foundation for what our university stands for today - excellence in agriculture sciences. We owe them a debt of gratitude for their unwavering belief in the potential of agricultural education, research and extension.

Throughout these 59 years, this University has grown and evolved, adapting to the changing needs of the agricultural landscape of Andhra Pradesh. We have embraced modern technologies, breakthrough research, and sustainable practices to meet the challenges faced by farmers and the agricultural community. Our faculty members and research scientists have been at the forefront of addressing critical issues such as food security, climate change, and agricultural sustainability.

Also, Students of ANGRAU have embraced the ethos of our University. They have shown exceptional talent, dedication, and passion for agriculture. We take immense pride in the achievements of our alumni, who have made significant contributions to the agricultural sector, both in India and across the globe.



Furthermore, let me acknowledge the support and partnership of our esteemed stakeholders - the government, department of agriculture, farmers, and the local community. Their collaboration and encouragement have been instrumental in the success of this SAU, and we look forward to strengthening these ties in the years to come.

As we embark on the next phase of our journey towards diamond Jubilee year (2024), let me reaffirm our commitment to excellence and innovation. We will continue to explore new horizons, push boundaries, and strive for breakthroughs in agricultural sciences. Our mission is not limited to imparting knowledge but also to foster an entrepreneurial spirit among our farmers and create a sustainable and prosperous future for the agricultural sector of Andhra Pradesh.

As we celebrated the 59th Foundation Day of ANGRAU in this quarter, let me assure that our work is not done. We have a responsibility to be the torchbearers of Next-Gen agriculture, to lead the way in transforming Indian agriculture and ensuring food security for all. Together, the teaching and non-teaching staff will march forward with determination, passion, and a shared vision of a prosperous and sustainable agricultural future for Andhra Pradesh state.

(A. Vishnuvardhan Reddy)

55th Convocation Held at Bapatla

The Acharya N.G. Ranga Agriculture University (ANGRAU), Guntur organized its 55th convocation at B.V. Nath Auditorium, Bapatla on 22nd May, 2023. Sri S. Abdul Nazeer, Hon'ble Governor, Andhra Pradesh & Chancellor of ANGRAU delivered the convocation address. Sri S. Abdul Nazeer also said that earning a degree from a prestigious university is indeed a great feeling and Convocation is a culmination of all the dedication, perseverance, committed efforts of the students and their parents.



Dr. R.S. Paroda, Chairman, TAAS & Former Secretary, DARE & DG, ICAR delivered the Chief Guest address. In his speech, Dr. Paroda said that the agri-graduates should be encouraged towards becoming 'Youth as an Agripreneur' and 'Job Creator rather than Job Seeker'. Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor presented a report on the activities conducted in teaching, research and extension wings of the university.

Agriculture and Agriculture Engineering were presented to 45 students' in-person, while nine were awarded PhDs in absentia. A total of 138 students were awarded degrees in Post-graduation, Out of which 62 students in M.Sc (Agriculture) and 13 students in M.Tech and one student in MBA received their degrees. Another 52 students were awarded degrees in absentia.

Dr. M.V. Reddy National Award - 2023 is awarded to Dr. E.A. Siddiq, Honorary Professor, Institute of Biotechnology, Professor Jayashankar Telangana State Agricultural University, Hyderabad for his outstanding research in agricultural sciences. Sri V. Ramachandra Rao National Award-2023 is awarded to Prof. Nagendra Kumar Singh, Professor, B.P. Pal Chair, National Institute for Plant Bio technology, Pusa Campus, New Delhi.



Vice-Chancellor gave away degrees to the students who passed in 2021-22. Ph.D degrees in

In undergraduate courses, a total of 1147 students including 657 in B.Sc (Agriculture), 55 students in B.Tech (Ag. Engineering), 29 students in B.Tech (Food Technology) and 42 students in B.Sc (Hons) Community Science were awarded degrees. Another 364 students were awarded degrees in absentia. A total of 10 scientists received meritorious awards in various categories. A total of 31 gold medals were bestowed to the post graduate and undergraduate students for their excellence in academics. University Officers and Members, Board of Management, Academic Council Members and Former V-Cs participated.

International Training

Dr. K.V. Naga Madhuri, Principal Scientist (Soil Science), RARS, Tirupati was selected for two months training programme at HyperSens Laboratory, University of Melbourne, Australia to learn the techniques in early detection of abiotic and biotic stresses using remote sensing and hyperspectral and thermal imagery under the mentorship of Professor Pablo J. Zarco-Tejada, HyperSens Team Leader, Assistant Dean-Graduate Programs, Faculty of Science School of Agriculture and Food, Faculty of Science, The University of Melbourne, Melbourne, Victoria, Australia for four weeks from 6th March 2023 to 31st March, 2023.



ANGRAU Celebrated its 59th Foundation Day

The 59th Foundation Day celebrations of the University was held on 12th June, 2023 at the Krishna Auditorium, RARS, Lam, Guntur. Dr. Trilochan Mohapatra, Chairperson, Protection of Plant Varieties and Farmers' Rights Authority was the chief guest for the celebration and delivered the foundation day lecture on the topic 'Food for Nutrition: Production-Consumption imperatives'. Addressing the occasion, Dr. Mohapatra said that India tops among most unhealthy children among Asian countries and India's diverse cuisine and biofortified varieties are a way out to overcome the challenge. Dr. Mohapatra stressed on the importance of Integrated Farm Systems (IFS) focused on nutrition enhancement; establishing nutri-smart villages through RBKs network, etc. Guests of Honour Dr. Raghuvardhana Reddy, Former V-C, ANGRAU; Sri Venugopal Reddy, District Collector & Magistrate, Guntur district; Dr. R. K. Mathur, Director, ICAR-IIOR, Hyderabad, Dr. A. Trivikram Reddy, Director, APSSCA, Guntur; Dr. S.N. Sharma, Asst. Collector, Guntur dist.; Dr. Sudhakar, OSD, A.P.

Fisheries University, Narsapur Mandal, W.G. dist. spoke on the occasion.

Vice-Chancellor Dr. A. Vishnuvardhan Reddy stated that the university is striving for a progressive academic and research atmosphere through all means and will outperform its previous achievements in teaching, research and extension activities in near future. Dr. Reddy said that the growth rate of agriculture sector of A.P. (8.2%) is impressive when compared to the National average and ANGRAU varieties significantly contribute to the national acreage in various crops. The mega seed mela introduced on this foundation day will continue every year on June 1st and ANGRAU released varieties will be sold to the farmers on the spot, the V-C added. University Officers, teaching, non-teaching staff, students and farmers participated. Nine scientists received various endowment awards and 10 farmers received 'best farmer' awards. A total of 50 exhibition stalls were arranged.



3- Day Training to the New Field Staff of Cost of Cultivation Scheme



A 3-day training held between 20th June and 22nd June, 2023 to CS new staff. Dr. G. Raghunadha Reddy, Hon'rary Director, CS Scheme and invited Dr. A. Vishnuvardhan Reddy, Hon'ble Vice Chancellor, ANGRAU, Dr. L Prasanti, Director of Research, ANGRAU and Dr. G M V Prasada Rao, Associate Director of Research, RARS, Lam to the meeting.

Dr. L Prasanthi explained about the expected role to be performed by each staff and insisted upon taking up of field visit photos by all the field staff compulsorily with GPRS location. The Chief Guest Dr. A. Vishnuvardhan Reddy, who is also the Chairman, Monitoring Committee of the CS Scheme, A.P. asked the staff to provide the basic data about crop cost estimates, inputs being used in production of sample crops, labour wages for different operations, crop varieties being grown in that region, returns realized by the sample farmers, etc. Dr. G. Raghunadha Reddy briefed about the overview of the CS Scheme and its working at different levels in the state of Andhra Pradesh. Hands-on sessions were conducted for three days with FARMAP 2.0 version along with field visits.

Annual Action Plan Meetings of the KVKs

Annual Action Plan of the KVKs of Andhra Pradesh was held between 4th and 5th May, 2023 at RARS, Lam Auditorium, Guntur. In the inaugural address, Dr. S. N. Meera, Director, ATARI, Zone X suggested a 10-point agenda to be implemented by the KVKs of Andhra Pradesh for better visibility and model KVKs at the National level. He said programmatic approach should be adopted for better outreach to the farmers. QR codes will be introduced for easy access to each KVK, he added.

Dr. L. Prasanthi, Director of Research, ANGRAU said that non-performing minikits should be discontinued after first year itself. She added that in 2022-2023 a total of 300 research experiments concluded and approximately 150 OFTs and FLDs are finalized for every zone to be implemented in 2023-24. Dr. A. Subbarami Reddy, Director of Extension, ANGRAU said that quality seed production should be taken up in KVK farms and adopted villages. CFLDs, OFTs and FLDs planned should be realistic and quality oriented. Dr. E. Karunasri, Director of Extension, Dr. YSRHU said that organic farming trials will be conducted in horticultural crops.

Dr. G. Venkata Naidu, Director of Extension, SVVU said that veterinary OFTs and FLDs should focus on breeding aspects, infertility reduction aspects



and nutrition aspects of the cattle. SMSs of KVKs should publicize about toll free number 1962 allotted for veterinary ambulances in their districts, he added. Dr. A. Vishunvardhan Reddy participated in the valedictory session on 5th May, 2023 said that minikits already tested at SVRC level should be directly implemented as FLDs and should be discontinued as OFTs.

Program coordinators of the KVKs presented the overview of their action plans going to be implemented for the year 2023-24 for their respective KVKs. Concurrent sessions were held in various subject matters such as crop production, crop protection, agriculture extension, farm mechanization, animal husbandry, and home science and revised action plans for 2023-24 were prepared in consultation with the experts. Dr. B. Mukunda Rao, Principal Scientist, O/o Director of Extension proposed vote of thanks.

College Days of Constituent Colleges Celebrated

Agricultural College, Bapatla celebrated its College day on 8th June, 2023 and Dr. A. Vishnuvardhan Reddy, Hon'ble V-C participated as the Chief Guest. Dr. V. Srinivasa Rao, Associate Dean presented the Annual Report for the Academic Year 2022-23. The Chief Guest presented awards to the students for excellence in academics and extra-curricular activities.

Similarly, Agricultural College, Rajamahendravaram celebrated its 15th College day on 6th June, 2023. Sri Ch. Sudheer Kumar Reddy, IPS, Superintendent of Police, East Godavari district,

Rajamahendravaram graced the occasion as Chief Guest and Dr. M. Seshu Madhav, Director, CTRI, Rajamahendravaram graced as Distinguished Guest. Dr. Ch. Syamraj Naik, Associate Dean, presented brief report of the college. Similarly, Dr. NTR College of Food Science & Technology, Bapatla celebrated its college day on 03.6.2023 and Dr. Y. Radha presented brief report of the college. Dr. A. Mani, Dean, Agricultural Engineering and Dr. P. Sambasiva Rao, Dean of Student Affairs participated. CFST, Pulivendula celebrated College Day on 16th June, 2023 and Dr. M. Sardar Baig presented the college report.

Inauguration Ceremony of New Buildings at Rajamahendravaram

College of Agriculture, Rajamahendravaram held an event to celebrate the inauguration of its new buildings and hostels on 10th May, 2023. Shri Kakani Govardhana Reddy, Minister of Agriculture & Cooperation, Marketing and Food Processing, Govt. of A.P. participated as the Chief Guest and delivered the inaugural address. He expressed his happiness for the brand new buildings and appreciated the teaching and non-teaching staff for their tireless efforts in delivering quality education to the students since inception of the college in the rented premises.



Speeches by distinguished guests Smt. T. Vanitha, Minister of Home & Disaster Management, Govt. of A.P., Local M.P.s and M.L.As, Dr. K. Madhavilatha, Dist.

Collector & Magistrate, E.G. dist. were delivered on the occasion. Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor presided the programme. Dr. Reddy said that the staff should continue their efforts in educating young minds with the same rigour and enthusiasm and should achieve all the goals with the new facilities in the campus. Teaching, non-teaching staff and students took part in the mega event. About 200 guests participated in the event. Dr. Ch. Shyamraj Naik, Associate Dean proposed vote of thanks.

SLTP of Extension Centres 2023- 24 Organized

The State Level Technical Program (SLTP) of Extension units of ANGRAU was begun at Krishna Auditorium, RARS, Lam, Guntur on 29th May, 2023. Dr. A. Vishnuvardhan Reddy, Vice-Chancellor, ANGRAU participated as the Chief Guest for the inaugural program. While speaking at the meeting, Dr. Reddy advised the extension scientists to formulate OFTs and FLDs that are useful to the farmers in real-time and improve their profitability. He gave the call to strive hard to increase the production & productivity in different crops and ensure higher income to the farmers. Dr. B. Vijayabhinandana, University Head (Ag. Extension) presented the detailed technical report on extension activities of various extension units of ANGRAU. Dr. A. Subbarami Reddy, Director of Extension also spoke on the occasion and he suggested to adopt the digital extension services to reach the farmers and asked Home Scientists at KVKs to grow microgreens as a demo unit to educate rural women. SLTP of extension units was continued till 31st May 2023. PCs of Krishi Vignan Kendras (KVKs), Coordinators of District Agricultural Advisory and Transfer of Technology Centers (DAATTCs), Extension Specialists, Scientists of



Agricultural Information & Communication Center participated in the 3-day program and presented their respective centres work done report for the year 2022-23 and action plan programme for the year 2023-24. On 30.5.2023, Shri M.R. Gopal, CGM, A.P. NABARD Regional Office, Hyderabad and his team participated in the SLTP and presented overview of their convergence activities and funding opportunities that can be explored by ANGRAU extension centres. Dr. M.K. Naik, Director of Extension, UAS, Raichur; Dr. G.A.K. Kumar, PS (Ag. Extension) ICAR-National Rice Research Institute, Cuttack, Odisha and Dr. P. Balasubramaniam, Director, ODL, TNAU, Coimbatore participated as experts for the technical sessions.

QRT Team Visited RARS, Anakapalle

Quinquennial review team constituted to review southern zone ICAR-AICRP-BC projects visited RARS, Anakapalle between 11th and 12th April, 2023. QRT was constituted under the chairmanship of Dr. H.C. Sharma, Former Vice-Chancellor; Dr. Y.S. Parmar, University of Horticulture and Forestry, Solan, Himachal Pradesh; Dr. S.N. Sunil, Director, ICAR-NBAIR, Bangalore and Dr. B.K. Agarwal, Tripura Agricultural University, Dr. V.V. Balwade, GKV, Bangalore and Dr. R. Swaminathan, MPUAT, Udaypur and Dr. H.S. Thripati, G.B. Pant University, Pantnagar visited RARS, Anakapalle to review the ICAR sponsored AICRP-BC project Unit.

The QRT team visited AICRP-BC unit, RARS, Anakapalle on 11th April, 2023. The programme was hosted by Dr. P.V.K. Jagannadha Rao, ADR, RARS, Anakapalle. The QRT team reviewed the progress of

AICRP-BC projects with the participation of Dr. Joseph Rajkumar, CPCRI; Dr. V. Anitha from PJTSAU; Dr. K.C. Samal, OUAT, Bhubaneswar; Dr. Chalpathi Rao, Dr. Y.S.R.H.U and Dr. M. Visalakshi, RARS, Anakapalle. The QRT team expressed their satisfaction regarding the progress of the southern zone ICAR-AICRP-BC project. On 12.04.2023, Dr. A. Vishuvaradhan Reddy, Hon'ble Vice-Chancellor participated in the interaction programme with tribal farmers at Killoguda village. Dr. Reddy, in his deliberation stressed the importance of bio-control measures in the natural farming practices followed in the region. Bio control inputs such as pheromone traps, tricho-cards, sticky traps, etc were distributed to the tribal farmers. A total of 121 tribal farmers from 20 tribal villages participated in the programme.



SLTP Meetings of the Research Centres 2023- 24 Held

The 20-day State Level Technical Programme (SLTP) 2023-24 of ANGRAU Research Centres was held at Krishna Auditorium, RARS, Guntur and G.H. Sankara Reddi Conference Hall, IFT, Tirupati between 05th May, 2023 and 31st May, 2023. Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor, ANGRAU participated as Chief Guest for various disciplines inaugural session and spoke on the occasion. Dr. Reddy stated that scientists of G&Pbr discipline should give topmost priority for germplasm collection, characterization, documentation, maintenance

and utilization in breeding related programs, Dr. L. Prasanthi, Director of Research asked to concentrate on development of biofortified varieties in all crops. She added that registration of trait specific germplasm from entomology and pathology departments is poor and needs to be taken up on priority basis. Faculty Deans, Directors, University Heads and Principal Scientists participated. SLTP programme is followed by P.G. Research discussion between 6th May, 2023 and 1st June, 2023.



Review Meeting on NFSM Cotton Project Held

The review meeting was held on 10th May, 2023 at RARS, Lam. Associate Director of Research, RARS, Lam, Guntur welcomed the Chief Guest Smt. K. Sunitha, IAS, Principal Secretary, Govt. of A.P. Industries and Handlooms & Textiles; Dr. L. Prasanthi, Director of Research and Dr. A. Subbarama Reddy, Director of Extension, ANGRAU to the stage. Smt. K. Sunitha spoke about her experience working with CICR, Nagpur on a cotton project that aimed at improving the quality of the cotton. She requested the forum to come up with the measures to be taken by the farmers to improve productivity along with quality in cotton crop.

Dr. L. Prasanthi mentioned about the two Bt cotton varieties LHBt Cotton-1 and LHBt Cotton-4 nominated for IET testing by ICAR-AICRP on Cotton, across South Zone, India. Dr. A. Subbarami Reddy stated that it is mostly (99%) BGII hybrids that are in cultivation by farmers and straight varieties are minimal and LHDP-5 is a straight variety. Dr. G.M.V. Prasada Rao stressed upon the usage of plant growth regulators and IPM technology in cotton and informed that research on cotton picker development is under progress.



Dr. M. Sudha Rani, Principal Scientist (Cotton) in her presentation detailed about the recently released non-bt cotton variety, LHDP Cotton-5 which is suitable for high density planting and its high yields registered by the farmers in large scale demonstrations using IPM practices. Dr. G. Raghunadha Reddy, Principal Scientist (Agril. Economics) and Honorary Director, Cost of Cultivation Scheme, RARS, Lam; Sri BaluNaik, DDA, Dept. Agriculture, A.P.; Members from A.P. Seed Association & A.P. Cotton Association members; Dr. K. Subramaniam, PC, KVK, SVVU, Lam; Representatives from spinning and ginning mills, APCNF members; Scientists and farmers cultivating cotton participated.

Inauguration of DAATTCs established in New Districts

The District Agricultural Advisory and Transfer of Technology Centre, Visakhapatnam located in premises of RARS, Anakapalle shifted from Anakapalle district to Amalapuram (Konaseema), AIMS Engineering College Complex, Mummdivaram, Dr.B.R.Ambedkar –Konaseema district and was functioning since 1st April,2023.

On 12.4.2023, Dr. M. Bharatha Lakshmi, ADR, RARS, Anakapalle inaugurated the new DAATTC and interacted with the scientists of DAATTC & Officials from the Department of Agriculture and advised the scientists to visit the RBKs and disseminate the latest technologies of ANGRAU among farmers. The scientists of ARS, Pedddapuram; RARS, Maruteru; HRS, Ambajipeta and DAATTC, Kakinada exhibited their latest technologies to the visiting farmers. Sri K. Nageswara Rao, District Agricultural Officer and progressive farmers participated.

Similarly, DAATTC, Nellore was shifted and was established at Agricultural College Farm, Bapatla premises and started functioning from 01.04.2023. Furthermore, DAATTC, Kurnool is shifted to RARS, Nandyal premises on 01.4.2023 and DAATTC, Ongole is shifted to Narasaraopet in Palnadu district. DAATTC, Srikakulam is shifted to Paderu in Alluri Seetharama Raju district and DAATTC, Ananthapuramu is shifted Puttaparthi, Sathyasai district.



Blood Donation Camp Organized

Blood donation camp was organized at Dr.NTR College of Food Science and Technology, Bapatla on 14th June, 2023 on the occasion of ‘World Blood Donors Day’. A total of 35 NSS volunteers participated and collected 25 no. units of blood. Dr. Y. Radha, Associate Dean gave away certificates to the NSS volunteers who donated blood and appreciated their enthusiasm for a good cause.



Birth Anniversary Celebrations of Dr. B. R. Ambedkar



ANGRAU Administrative Office and centres celebrated 132nd Birth Anniversary of BharatRatna Dr. B. R Ambedkar’s on 14th April, 2023 with gusto. At Administrative Office, Guntur Bharatratna photo was garlanded and floral tributes were paid by the teaching and non-teaching staff. Addressing the staff Dr. A. Vishnuvardhan Reddy, Hon’ble V-C said that Dr. B.R. Ambedkar is instrumental in restructuring of the problems of the Indian society in his times. Later, teaching and non-teaching staff spoke on the occasion and remembered the leader’s contributions to the Indian society as architect of the Indian constitution.

ANGRAU Student selected for MBA at IRMA, Anand

Ms. Kavya Sri Lakshmi Reddy, qualified CAT- 2022 with 88.19 percentile while she was in 3rd year of Agricultural Engineering at Dr. NTR College of Food Science & Technology, Bapatla. She applied for only one college, which is the Institute of Rural Management, Anand as she was gravitated towards the Institute’s purpose, history and her intent to use what she learned in her U.G to some extent for Rural Development. She completed her interview in March, 2023 and got selected in the first list on April, 2023 for MBA (Rural Management) at IRMA, Anand.



Retirements

Dr. G. Subba Rao working as Associate Director of Research, RARS, Lam retired from his position on 30th April, 2023. He served the University for 37 years in various capacities and worked in places viz., ARS of Nellore, Jangamaheswarapuram and Darsi, RARSs of Maruteru and Lam; College of Rajamahendravaram.

Dr. S.B.S Narasimha Rao working as Principal Scientist, IWM Unit, RARS, Lam retired from his position on 30th April, 2023. He served the University for 37 years in various capacities and worked in places viz., LRS, Lam; HRS, Pandirimamidi; ARSs of Anantapuramu,

Jangamaheswarapuram, Bapatla and Garikapadu; RARS, Lam; ARI of Rajendranagar, Hyderabad and Administrative Office, Guntur.

Dr. P. Ramakrishna Prasad, Professor & University Head work as PS & Head at Agricultural Research Station, Amaravathi retired from his position on 30th June, 2023. He served the University for 37 years in various capacities and worked in places viz., Saline water scheme, Bapatla; A.P. Water Management Project, Bapatla; Agricultural College, Bapatla and Agricultural Research Station, Amaravathi.

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