

ANGRAU e-NEWSletter



Vol. 8(2), 2024 April-June, 2024

A Quarterly Publication

Acharya N.G. Ranga Agricultural University, Lam, Guntur - 522 034

From the Vice-Chancellor's Desk

This April-June, 2024 issue highlights some of the significant events that have recently taken place at ANGRAU. The University celebrated 60th Foundation Day (Diamond Jubilee Ceremony) with great enthusiasm, honoring the scientists and farmers acknowledging their contributions in recent years. ANGRAU's 56th convocation at Bapatla Agricultural College was a momentous occasion, graced by distinguished guests including Sri Abdul Nazeer, Hon'ble Governor of Andhra Pradesh & Chancellor of the University and Sri Dr. Himanshu Pathak, Director General of ICAR & Secretary, DARE. Additionally, the Annual Postgraduate Students National Conference held in April brought together 750 students from across India, fostering a vibrant exchange of ideas and research in agriculture. The College of Community Science, Guntur, completed a decade-long journey (2014-2024). The college inaugurated a Millets Sales Outlet on the campus to support millet farmers and entrepreneurs.

On the research front, ANGRAU has been making significant strides in advancing agricultural technologies. Recently, the Director General of ICAR visited RARS, Lam and the Regional Quality Evaluation Unit of ICAR-CIRCOT, Guntur, stressing the importance of prioritizing research to enhance cotton productivity. ANGRAU has also achieved notable milestones with the issuance of two patents for innovative technologies viz., "Chilli Compaction-



cum-bagging unit" and an "In-vitro method for determination of glycemic index and kit thereof." Furthermore, the Deputy Director General of ICAR R.C. Agrawal visited ANGRAU's Agri-Business Incubator in Tirupati, commending the team's efforts in nurturing agri start-ups. ZREACs (Zonal Research and Extension Advisory Councils) and SLTPs (State Level Technical Programs) meetings were organized, and action plans for the year 2024-25 were finalized.

On the extension front, The Vyavasaya Panchangam (Farmers Almanac) book, presented in zodiac format, was released by the Chief Secretary of the Government of Andhra Pradesh on the Telugu New Year day (*Ugadi*). The annual action plan workshop of the Krishi Vigyan Kendras of Andhra Pradesh was held in May 2024, and technical programmes for the year 2024-25 were finalized. A new Advisory and Editorial Board was formed for the university publication, The Journal of Research ANGRAU. Important days, such as Dr. B.R. Ambedkar Jayanthi, Sri Alluri Sitarama Raju's 100th Death Anniversary, and International Yoga Day, were celebrated with fervour and enthusiasm by the staff.

(R. SARADA JAYALAKSHMI DEVI)

56th Convocation Held

Acharya N.G. Ranga Agriculture University's (ANGRAU) 56th convocation was held on 19th June, 2024 at B.V. Nath Auditorium in Bapatla Agricultural College. The Governor of A.P., Sri S. Abdul Nazeer who is also the Chancellor of the University delivered the convocation address. In his address, the Governor said that earning a degree from this prestigious institution is a significant milestone for the graduating students as it signifies not just an academic accomplishment, but a commitment to a noble cause of ensuring food security of our Nation. The Chancellor congratulated those who earned their Degrees and Gold medals for their meritorious performances. Dr. Himanshu Pathak, Secretary, DARE & DG, ICAR, New Delhi participated as the Chief Guest. Addressing the gathering, Dr. Himanshu Pathak opined that out of the 77 agricultural universities in the country, ANGRAU is an exceptional institution and several students graduated from here are now providing their services for the country. He advised the students to work for the development of not only



their country or state, but also their native town and nearby villages to attain Vikasit Bharat by 2047.

Presenting the University achievements, Dr. R. Sarada Jayalakshmi Devi, Vice-Chancellor said that the University has always strived for excellence in academics and research since its inception in 1964 and said that 46,691 students have graduated from the University since 1964. In all, 895 students were awarded degrees in person, including 57 PhDs, 138 M.Sc. candidates of the year 2022-2023 in various faculties and 700 U.G students (2018-22) were also awarded degrees.

ANGRAU Celebrated 60th Foundation day

The 60th Foundation Day celebrations of ANGRAU were held at Krishna Auditorium, RARS, Lam on 12th June, 2024 in a grandiose manner. Dr. R. Sarada Jayalakshmi Devi, Hon'ble Vice-Chancellor and President of the celebrations, spoke on the occasion and stated that over the past 60 years, the university has developed several agricultural varieties for the benefit of farmers and has increased the production capacity of the state. The new varieties developed by the university are resistant to current adverse climatic conditions and are widely utilized not

only within the state but also across the country. The VC added that the University has won as many as 16 nationwide awards. Dr. A. Srinivas, Principal Climate Change Specialist at the Asian Development Bank and Chief Guest for the celebrations, delivered the keynote address. He explained the challenges faced by the agriculture sector in the present climatic conditions and suggested measures to mitigate various losses.

Distinguished Guest M.S.R Chandra Murthy, DGM, NABARD assured that all necessary assistance would be provided to the university to improve basic amenities and infrastructure. Distinguished Guest Sri Vinod, Director of the Bureau of Indian Standards, Vijayawada stated that an MoU is in the pipeline with ANGRAU for establishing standardized agricultural demonstration farms at RARS, Maruteru and ARS, Nellore. On the occasion of the diamond jubilee of Acharya N.G. Ranga Agricultural University (ANGRAU), scientists and farmers who contributed to the development of agriculture in the State in recent times were also felicitated with Gold Medals and Certificates.



Vyavasaya Panchangam 2024-25 Released

On the auspicious occasion of Ugadi (April 9th, 2024), the Chief Secretary, Government of Andhra Pradesh, Dr. K.S. Jawahar Reddy, IAS, released the Vyavasaya Panchangam (Farmers Almanac) for the year 2024-2025 at the CS Camp Office in Vijayawada.

The Panchangam, presented in the zodiac format, offered recommendations regarding various agricultural practices and technologies tailored for the major crops of the state. Dr. Jawahar Reddy expressed his confidence that this agricultural almanac would serve as a valuable resource for farmers, including women farmers, across Andhra Pradesh. He extended his heartfelt wishes for abundant yields and a prosperous, harmonious life for the farming community of the State.

The event witnessed the presence of Dr. R. Sarada Jayalakshmi Devi, the Hon'ble Vice-Chancellor; Dr.



K.S.S. Naik, Director of Extension; Dr. B. Mukunda Rao, Principal Scientist (Extension), O/o Director of Extension; Dr. O. Sarada, Principal Agricultural Information Officer and Dr. M. V. Ramulu, Senior Scientist (Ag. Extension).

The Journal of Research ANGRAU

(Published quarterly in March, June, September and December)

CHIEF PATRON

Dr. R. Sarada Jayalakshmi Devi, Vice-Chancellor, ANGRAU, Guntur

PATRONS

Dr. G. Karuna Sagar, Dean of Agriculture, ANGRAU, Guntur
Dr. A. Mani, Dean of Agricultural Engineering & Technology, ANGRAU, Guntur
Dr. A.V. Ramana, Dean of P.G. Studies, ANGRAU, Guntur
Dr. G. Rama Rao, Dean of Community Science, ANGRAU, Guntur
Dr. L. Prasanthi, Director of Research, ANGRAU, Guntur
Dr. Y. Padmalatha, Director of Extension, ANGRAU, Guntur

INTERNATIONAL ADVISORY BOARD

Dr. Mithila Jugulam, Professor (Weed Physiology), College of Agriculture, Kansas State University, Kansas State, USA
Dr. Umesh K. Reddy, Professor of Genetics and Genomics, Department of Biology, West Virginia State University, West Virginia, USA

NATIONAL ADVISORY BOARD

Dr. D. K. Yadav, Assistant Director General (Soils), Crop Science Division, Indian Council of Agricultural Research, New Delhi
Dr. A. Mani, Dr. A. Mani, Dean of Agricultural Engineering & Technology, ANGRAU Administrative Office, Lam, Guntur
Dr. S. V. Ramana Rao, Principal Scientist, Social Sciences division, ICAR – Indian Institute of Oilerseed Research (IIOR), Rajendranagar, Hyd.
Dr. M. Prabhakar, Principal Scientist (Entomology), ICAR Central Research Institute for Dryland Agriculture (CRIIDA), Santoshnagar, Hyd.
Dr. V. Sumathi, Principal Scientist (Agronomy), Agril. Research Station, Acharya H.G. Ranga Agricultural University, Purnamallapalle

INTERNATIONAL EDITORIAL BOARD

Dr. Padma Nimmakayala, Professor of Research, Department of Biology, West Virginia State University Institute, West Virginia, U.S.A

NATIONAL EDITORIAL BOARD

Dr. Tavva Srinivas, Head (Agribusiness Management), ICAR- National Academy of Agricultural Research management (NAARM), Hyd.
Dr. M. Nedunchezhiyan, Principal Scientist, Regional Centre of ICAR- CTRH, Dumdum, Bhubaneswar, Odisha
Dr. K. Vijayalakshmi, Senior Professor, Dept. of Entomology, Prof. Jayashankar Telangana State Agricultural University, Rajendranagar, Hyd.
Dr. M. Bheratha Lakshmi, Associate Dean, Agricultural College, Nara, Srisakulam district, Andhra Pradesh
Dr. B.V.S. Prasad, Principal Scientist & Head, Post-Harvest Technology Centre, Agricultural College Campus, ANGRAU, Bapatla
Dr. T. Murali Krishna, Principal Scientist & University Head (Entomology), Regional Agricultural Research Station, ANGRAU, Tirupathi
Dr. M. S. Chaitanya Kumar, Associate Dean, College of Community Science, ANGRAU, Lam, Guntur

Journal's New Advisory and Editorial Board Formed

In order to further improve the visibility of the Journal and to meet the NAAS and UGC standards, the Journal Chief Patron *i.e.* Hon'ble Vice-Chancellor Dr. R. Sarada Jayalakshmi Devi and Dr. A.V. Ramana, Editor-in-Chief reconstituted its Advisory Board and Editorial Board with national (12 no.) and international renowned scientists (3 no.) for the years 2024-2026. The new Advisory and Editorial board will review the research articles online and offer suggestions to improve the quality of the Journal from time to time.

World Environment Day Celebrated

Krishi Vigyan Kendra (KVK), Ghantasala; KVK, Garikapadu and KVK, Reddipalli marked World Environment Day on June 5th, 2024 with celebrations aimed at raising awareness among the farmers and citizens. The event featured activities such as tree plantation drive, discussions on preserving natural resources, emphasizing the importance and adopting eco-friendly approaches in agricultural activities. Teaching staff, farmers and villagers participated. Also, KBR College of Agriculture, CS Purnam staff celebrated the day and planted trees in their campus.



Zonal Research and Extension Advisory Council Meetings Held

The two-day Zonal Research and Extension Advisory Council meetings for 2024-25 were conducted by RARS, Nandyal (1st and 2nd April, 2024); RARS, Tirupati (15th and 16th April, 2024); RARS, Maruteru (19th and 20th April, 2024); RARS, Anakapalle (22nd and 23rd April, 2024); RARS, Chintapalle (24th April, 2024) and RARS, Lam (26th and 27th, April 2024) for their respective zones. Dr. L. Prasanthi, Director of Research, Dr. K.S.S Naik, Director of Extension participated in the meetings and reviewed the work done 2023-24 and action plans for the year 2024-25 presented by ADRs of six zones, Programme Coordinators of KVKs and Coordinators of DAATTCs. Joint Directors of Agriculture presented highlights of agriculture scenario in their districts. Based on the deliberations with Principal Scientists of various crops, scientists, officials from



Agriculture Department and progressive farmers' research and extension gaps were identified and action plans were prepared for the ensuing *Kharif* and *Rabi* seasons. Associate Directors of Research; Programme Coordinators of KVKs, Coordinators of DAATTCs, DLCC, SAC and REAC Members, Members of BoM, ANGRAU participated.

Annual Action Plan Workshop of the KVKs Held

The Annual Action plan workshop of KVKs of Andhra Pradesh for 2024-25 was a collaborative event between ANGRAU, Guntur and ICAR- ATARI, Zone X, Hyderabad organized between 18th and 19th May, 2024 at Krishna Auditorium, Lam, Guntur. Dr. Shaik N Meera, Director, ATARI, Zone X and Chairman of the action plan meeting delivered the keynote address and said that major activities of KVKs should be integrated with FLDs. He also added value addition skills should also be taught to the trainees in the future trainings planned by the KVKs. He appreciated the PCs for adding QR codes to their instructional farms.

The workshop saw participation of Dr. L. Prasanthi, Director of Research, ANGRAU;

Dr. Y. Padmalatha, Director of Extension, ANGRAU; Dr. E. Karunasree, Director of Extension, Dr. YSRHU, Tadepalligudem; Dr. G. Venkata Naidu, Director of Extension, SVVU, Tirupati as Chairs and Co-chairs of various technical sessions.

Dr. Y. Padmalatha welcomed the attendees and highlighted the work done activities (2023-24) related to the KVKs of Andhra Pradesh. She also suggested to conduct CFLDs in two seasons in a systematic way and TSPs should be focused to reach the unreached tribal farmers. Dr. L. Prasanthi, said that drones were demonstrated by few KVKs in the previous year and generated interest and curiosity among the farmers. Dr. G. Venkata Naidu suggested to plan interventions that can reduce greenhouse gas (GHG) emissions.

The Programme Coordinators and Subject Matter Specialists of 23 KVKs of A.P. presented the action plans of their technical programmes for 2024-25. Dr. T. Neeraja, Former Dean of Community Science, ANGRAU and Dr. B. Vijayabhinanda, Former Director of Extension, ANGRAU were the experts. Dr. B. Mukunda Rao and Dr. V. Visalakshmi, Principal Scientists of the Directorate of the Extension coordinated the programme.



SLTP Meetings of Research and Extension Held

State Level Technical Programme (SLTP) meetings of research and extension centres (discipline-wise) for the year 2024-25 were organized [Agricultural Engineering & Technology (3rd & 4th May, 2024); Genetics and Plant Breeding, Biotechnology, Seed Science & Technology (6th to 10th May 2024); Statistics & Computer Applications (8th May); Agronomy (15th to 17th May); Agricultural Economics (16th May, 2024); Community Science (17th May); Soil Science & Agril. Chemistry, Microbiology, Nano-technology and Biochemistry (20th to 25th May); Plant Pathology (21st & 22nd May); Entomology (23rd and 24th May), Crop Physiology (27th May) and Agricultural Extension (28th to 30th May)] at Krishna Auditorium, RARS, Lam, Guntur.

Dr. R. Sarada Jayalakshmi Devi, Hon'ble Vice-Chancellor, ANGRAU, Dr. L. Prasanthi, Director of Research and Dr. Y. Padmalatha, Director of Extension participated in the SLTP meetings of both research and extension. In her address on 28th May, 2024, Hon'ble Vice-Chancellor stated that extension personnel are the key persons at grass root level and suggested for fast spreading of the improved technologies among the farming community.

VC also mentioned that Vishista and Lepakshi groundnut varieties need to be spread among the groundnut farmers because of their superior characteristics. Dr. L. Prasanthi said that online marketing, digital marketing and organic farming certification knowledge trainings should be imparted to the progressive farmers. Dr. Y. Padmalatha, Director of Extension spoke during the inaugural meeting held on 28th May, 2024 for agricultural extension discipline and stated that KVKs and DAATTCs must propose a comprehensive action plans for the ensuing year. ADRs of RARSs, Heads of ARSs, Programme Coordinators of KVKs, and Coordinators of DAATTCs presented proposed technical programmes for the year 2024-25 and work done reports of 2023-24.

Dr. P. Balasubramaniam, Director, Open and Distance Learning Centre, Tamilnadu Agricultural University; Dr. M. K. Naik, Director of Extension, University of Agricultural Sciences, Raichur, Dr. Sudha Rani, DE, PJTSAU and Dr. G.A.K Kumar, ICAR- National Rice Research Institute, Cuttack were the experts for the various sessions in the SLTP meetings of Agricultural Extension. University Officers participated.



100th Death Anniversary of Alluri Sitarama Raju



ANGRAU staff commemorated 100th Death Anniversary of Sri Alluri Sitarama Raju at Administrative Office, Guntur and its centres across the State on 7th May, 2024. Dr. R. Sarada Jayalakshmi Devi, Hon'ble Vice-Chancellor garlanded the photo of Sri Alluri Sitarama Raju and paid floral tributes. Hon'ble VC recalled about his fight against the British for safeguarding the interests of the tribal communities in the Eastern Ghats region of Andhra Pradesh. The teaching and non-teaching staff also paid floral tributes.

Annual P.G. Students Conference Held

The Annual P.G. Students Conference took place on 2nd and 3rd April, 2024 at the B.V. Nath Auditorium, Bapatla Agricultural College. Dr. R.C. Agrawal, Deputy Director General (Ag. Education) of ICAR, graced the occasion as the Chief Guest. Dr. V. Srinivasa Rao, Associate Dean, delivered the welcome address, noting the participation of 750 students from various parts of India.

During his speech, the Chief Guest highlighted the significant impact of the World Bank sponsored NAHEP-IDP project by the ICAR, which provided training to 1400 faculty members and 2900 students from 76 SAUs across India in International Universities. Guests of Honour, Sri M.R. Gopal, NABARD Chief General Manager, and Smt. Lalitha Agrawal also shared their insights.

Dr. R. Sarada Jayalakshmi Devi, Hon'ble Vice-Chancellor, emphasized the looming threat of climate change on India's food security. She urged P.G. and PhD



students to raise awareness and orient themselves with strategies to combat the challenges posed by food security threat, especially in a populous country like India. Dr. A. V. Ramana, Dean P.G. Studies, participated in the event. The students actively engaged by presenting their papers and posters, showcasing their research and ideas. Dr. D. Sairam Kumar conveyed the Vote of Thanks, closing the successful conference.

ICAR DDG Visits ANGRAU Agri-Business Incubator

On April 1st, 2024, Dr. R. C. Agrawal, Deputy Director General (Agriculture Education) of the ICAR, visited the ANGRAU Agri-Business Incubator at Tirupati. Dr. R. Sarada Jayalakshmi Devi, Hon'ble Vice-Chancellor of ANGRAU, along with other officials including Dr. G. Karuna Sagar, Dean of Agriculture, Dr. A. Mani, Dean of Agricultural Engineering and Technology, and Dr. G. Prabhakara Reddy, Associate Dean of S.V. Agricultural College, warmly welcomed Dr. R.C. Agrawal.

During the visit, the dignitaries were given a tour of the laboratories, accompanied by senior scientists from RARS, Tirupati and officials of ANGRAU. Dr. P. Balahussain Reddy, the Coordinator of the incubator, provided a comprehensive overview of the agri-incubator's activities to the DDG. Dr. Agrawal expressed appreciation for the efforts of the agri-incubator team in fostering the ideas of agricultural startups and ensuring timely disbursement of funds to the cohorts.



Dr. B.R. Ambedkar Jayanthi Celebrated

ANGRAU staff Celebrated 133rd Birth Anniversary of Dr. B.R. Ambedkar on 14th April, 2024 at Administrative Office, Guntur and centres across the State with fervour and enthusiasm. Dr. K. Gurava Reddy, Registrar, garlanded the photo of Dr. B.R. Ambedkar and paid floral tributes followed by the teaching and non-teaching employees. Speaking on the occasion, Dr. Gurava Reddy reminded the remarkable contributions of the great leader. He recalled the life of chief architect of Indian constitution and extra ordinary service he has done



to the Nation. Other teaching and non-teaching staff also spoke about the notable services Bharatratna Ambedkar has rendered to the Nation as a politician, a social reformer and an economist.

DG, ICAR Visits RARS, Guntur



Dr. Himanshu Pathak, Secretary (DARE) & Director General (ICAR) visited the RARS, Lam and Regional Quality Evaluation Unit of ICAR-CIRCOT, Guntur and interacted with Scientists and Staff of Regional Agricultural Research Station, Lam on 20th June, 2024. Dr. Pathak emphasized that scientists should prioritize research for enhancing cotton productivity. Dr. S. K. Shukla, Director, ICAR-CIRCOT, Mumbai; Dr. P.V. Satyanarayana, Director, Research, ANGRAU, Guntur; Dr. M. Sheshu Madhav, Director, ICAR-Central Tobacco Research Institute, Rajahmundry, Dr. Y. Satish, Director (Seeds) and Dr. N.V.V.S Durga Prasad, Associate Director of Research, RARS, Lam were present during the programme.

112th Academic Council Meeting Held

The 112th Academic Council Meeting of ANGRAU was held on June 25, 2024 at the Krishna Auditorium in RARS, Lam. Dr. R. Sarada Jayalakshmi Devi, Hon'ble VC presided over the meeting. In her address, she announced the implementation of the National Education Policy (2020) at ANGRAU starting this year. She emphasized the need for all faculty members to update themselves and prepare to teach in accordance with the new policy.

Dr. G. Ramachandra Rao, the Registrar, provided updates on the decisions made during the 111th academic council meeting and discussed the agenda items for the 112th meeting. The meeting was attended by Dr. G. Karuna Sagar, Dean of Agriculture; Dr. A. Mani, Dean of Agricultural Engineering & Technology; Dr. B. Sreelakshmi, Dean of Community Science; Dr. A.V.



Ramana, Dean of P.G. Studies; Dr. P. Sambasiva Rao, Dean of Student Affairs; Dr. P.V. Satyanarayana, Director of Research and council members from various departments.

Inauguration of Millet Sales Counter at CCSc, Guntur

The Millet Sales Counter, located adjacent to the Millet Processing Unit on the campus of the College of Community Science, Guntur, was inaugurated on June 10th, 2024, by Dr. R. SaradaJayalakshmi Devi, Hon'ble Vice-Chancellor, in the presence of university officers. Following the unveiling of the inaugural plaque, VC stated that the millet sales counter was established to serve farmers and entrepreneurs by facilitating primary and secondary processing as well as packaging of millets.

Dr. M.S. Chaitanya Kumari, Associate Dean & Coordinator of the Millet Processing Unit, mentioned that the Millet Sales Counter construction was funded using profits earned by the Millet Processing Unit itself. Additionally, a photo exhibition showcasing millets and various activities was organized. Dr. G. Rama Rao, Dean of Community Science; Dr. G. KarunaSagar, Dean of



Agriculture; Dr. A. Mani, Dean of Agricultural Engineering & Technology; Dr. L. Prasanthi, Director of Research; Dr. P. Sambasiva Rao, Dean of Student Affairs; Dr. Y. Padmalatha, Director of Extension; Dr. K. Gurava Reddy, Registrar; Dr. Muni Ratnam, Controller of Examinations; Er. P. Ravi, Estate Officer; teaching staff, students, and non-teaching staff participated in the event.

International Yoga Day Celebrated



The 10th International Yoga Day was celebrated with enthusiasm at the Boys Hostel premises of the University on 21st June, 2024. Dr. G. Ramachandra Rao, Registrar spoke on the occasion about the importance of Yoga and said that Yoga should be part of the modern lifestyles for stress management. Sri Venu Madhav, Yoga Guru led a yoga session which was attended by the teaching and non-teaching staff. Also, KBR College of Agriculture, CS Purnam, Prakasam district also celebrated Yoga day in their campus attended by students and staff.

College day Celebrations at CCSc, Guntur

The College of Community Science, Guntur, celebrated its 8th College Day at Krishna Auditorium, RARS, Lam on June 10th, 2024. Dr. R. Sarada Jayalakshmi Devi, Hon'ble Vice-Chancellor, graced the occasion as the Chief Guest. Dr. G. Rama Rao, Dean of Community Science, delivered the presidential address. During the event, Dr. M.S. Chaitanya Kumari, Associate Dean, presented the annual report highlighting the significant activities and achievements of the academic year 2023-24. She noted that it was a rewarding year for the college, celebrating its decade of excellence. Additionally, she announced the establishment of the "Community Science Alumni and Student Welfare Association," registered under the Society Registration Act.

Dr. R. Sarada Jayalakshmi Devi addressed the students, emphasizing the importance of Community Science as a professional degree. She elaborated on the activities of the five departments: FSNT, APTX, RMCS, HDFS, and



EECM, and discussed the job opportunities available in these fields. Distinguished guests including Dr. L. Prasanthi, Director of Research, Dr. Y. Padmalatha, Director of Extension, and Dr. P. Sambasiva Rao, Dean of Student Affairs, participated in the programme and addressed the staff and students. The Chief Guest presented prizes and awards to students for their academic excellence and achievements in extracurricular activities. Dr. V. Prasuna, Officer of Student Affairs, delivered the vote of thanks.

Three NSS Special Camps Held

A seven-day National Service Scheme (NSS) special camp was organized by the NSS units of the Agricultural College, Naira from 20th to 26th May 2024, involving 61 volunteers in Venkatapuram village, Srikakulam district. Dr. G. Jogi Naidu, Associate Dean (i/c) of Agricultural College, Naira, inaugurated the camp, emphasizing community engagement and rural development. Activities included socio-economic survey, Participatory Rural Appraisal, veterinary health camps, agricultural workshops, medical camp and planting mango grafts. District Agricultural Officer; District Horticultural Officer; Programme Coordinator of KVK, Srikakulam; Project Director, ATMA; Officials from Dept. of Animal Husbandry and Union Bank Rural Self Employment Training Institute enriched the event with their expertise.

A seven-day National Service Scheme (NSS) special camp was conducted from 21st to 27th May 2024 across different villages in five districts (Guntur district, NTR district, Krishna district, Palnadu district, Prakasam district) by the five units of Agricultural College, Bapatla. Each unit engaged student and local volunteers under the guidance of respective NSS Programme Officer and Associate Dean's Representative. Activities included inaugural meetings with local officials, Swachh Bharat initiatives, parthenium eradication rallies, tree planting, veterinary health camps, agro-advisory services, rodent control training, organic farming workshops, and sessions on balanced diet.

The NSS Special Camp by Agricultural College, Rajamahendravaram at Dommeru village, Kovvur Mandal, East Godavari district, from 17th to 23rd May 2024, saw over 60 enthusiastic volunteers under the guidance of Dr. K. M. Dakshina Murthy and Dr. Ch. Sunitha. Inaugurated by Dr. K.V. Ramana Murthy, Associate Dean the camp featured participation from local leaders. The camp aimed to foster social responsibility and personal growth among volunteers. Activities included vanamahotsavam, animal health camps, rodent control campaigns, and workshops on agricultural practices. The event culminated with a Rythu Sadassu cum Agriculture Exhibition, facilitating farmer-scientist interactions and knowledge sharing for dissemination of improved technologies.



The three NSS camps were concluded with a valedictory ceremony, celebrating a week of impactful initiatives and community empowerment.

CFST Pulivendula Student Bags 1st Rank in APPGCET Entrance Exam

Ms. Srilekha V Chintha, a final-year B.Tech Food Technology student studying at College of Food Science & Technology, Pulivendula achieved first rank in the Food Technology discipline category of the Andhra Pradesh P.G Common Entrance Test (APPGCET) of 2024. She also secured a good GATE rank and gained admission to the M.Tech



Food Processing Technology course at the Indian Institute of Chemical Technology, Mumbai. Previously, she represented ANGRAU in the Zonal Level Elocution competition, securing second prize, and later represented ANGRAU at the National Agricultural Science Congress held in Kerala in October 2023.

ANGRAU Received New Patents

The ground-breaking “*Chilli compaction-cum-bagging unit*” technology, developed by the team at ANGRAU Centre – AICRP on Post Harvest Engineering & Technology, Bapatla has been granted a patent (403517-001) by the Government of India on 17th May 2024. This innovative design marks a significant milestone in post-harvest processing for chillies. The team behind this achievement includes Dr. S. Vishnu Vardhan, Dr. B. John Wesley, D. Sandeep Raja, Dr. V. Vasudeva Rao, and Dr. B.V.S. Prasad. Their dedication and expertise have led to the development of a solution that promises to enhance efficiency and effectiveness in the chilli processing sector.

Another noteworthy achievement comes from the Post-Harvest Technology Centre, Bapatla, as the team were granted a patent (536180) by the Government of India for their innovative technology titled “*An in-vitro method for determination of glycemic index and kit thereof*” on April 30, 2024. This patent, valid for a term of 20 years,



underscores the center’s commitment to advancing research in the field. The team of scientists spearheading this breakthrough includes D. Sandeep Raja, Dr. P. Sridevi, Dr. B. Krishnaveni, Dr. S. Vishnu Vardhan, and Dr. B. John Wesley. Their collaborative efforts have resulted in a method for the assessment of glycemic index potentially impacting nutritional research and food product development.

New Postings

Dr. G. Ramachandra Rao, Registrar

Dr. P.V. Satyanarayana, Director of Research

Dr. B. Prameela Rani, Director of Extension

Dr. B. Sreelakshmi, Dean of Community Science

Dr. D. Sampath Kumar, Controller of Examinations

Dr. N.V.S.S. Durga Prasad, Associate Director of Research, RARS, Lam

Dr. Ch. Mukunda Rao, Associate Director of Research, RARS, Anakapalle

Dr. A. Appalaswamy, Associate Director of Research, RARS, Chintapalle

Dr. V. Sumathi, Associate Director of Research, RARS, Tirupati

Dr. T. Srinivas, Associate Director of Research, RARS, Maruteru

Dr. G. Krishna Reddy, Associate Dean, Dr. Sri MGR Agricultural College, Udayagiri

Dr. G. Kishore Babu, Associate Dean, Agricultural College, Pulivendula

Dr. D. Srinivas, Associate Dean, Agricultural College, Rajamahendravaram

Dr. P. Prasuna Rani, Associate Dean, Agricultural College, Bapatla

Dr. M.V. Ramana, Associate Dean, S.V. Agricultural College, Tirupati

Dr. B. Sarojini Devi, College of Agricultural Engineering, Madakasira

Dr. B.V.S. Prasad, Dr. NTR College of Food Science & Technology

Editor : **Dr. O. Sarada**, Associate Editor : **Dr. A. Lalitha**

Published by: Principal Agricultural Information Officer, Agricultural Information and Communication Centre (AI&CC) on behalf of Acharya N.G. Ranga Agricultural University, Lam, Guntur - 522 034
E-mail: enewsletter@angrau.ac.in