

ANGRAU e-NEWSletter



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

From the Vice-Chancellor's Desk

On teaching front, 51st convocation was held at Tirupati in the month of March, 2022 and Sri Biswabhusan Harichandan, Hon'ble Governor of A.P. & Chancellor of ANGRAU virtually delivered the convocation address. A

total of 32 students received PhD degrees, 151 students received Post-graduation degrees, and 698 students received undergraduate degrees on the convocation day who were present at the ceremony. Open and Distance Learning Centre, Guntur started two courses – Millets production, processing and value addition and Mushroom cultivation in the month of February, 2022. Also, NAHEP- IDP organized a total of 11 National Training and Skill Development Programmes and five National Webinars and Workshops.

On research front, steering committee review meeting for the National Workshop on "Integrated approach for the farmers' empowerment in A.P." was organized to improve the economic status of farmers. Also, Agricultural drone stakeholder's workshop and sensitization training on pink boll worm management strategies were organized. Furthermore, an MoU was exchanged between ANGRAU and Indian Institute of Plantation



Management, Bengaluru with an objective of establishing a start up at College of Food science and Technology, Pulivendula with the technical assistance of IIPM, Bengaluru.

On extension front, 51st REAC meeting was held in the month of January, 2022 and action plans were prepared for the ensuing Kharif and Rabi seasons for the year 2022. Also, Kisan Melas were organized at Tirupati, Nellore and Bapatla to disseminate latest technologies and seed varieties to the farmers of A.P.

In this quarter Medical Camps and COVID precautionary dose vaccination drive were organized to the employees at Guntur Campus. Important days such as Republic Day, World Pulses Day, International Women's Day and World Water day were celebrated with fervor and enthusiasm by the staff of ANGRAU.

(A. Vishnuvardhan Reddy)

51st Convocation Held

The Acharya N.G. Ranga Agriculture University (ANGRAU), Guntur organized its 51st convocation at Mahati Auditorium, Tirupati on 4th March, 2022. The ANGRAU is organizing the event in Tirupati for the second time in a row.

Sri Biswabhusan Harichandan, Hon'ble Governor, Andhra Pradesh & Chancellor of ANGRAU virtually delivered the convocation address.

Dr.Ashok Dalwai, I.A.S., CEO, National Rainfed Area Authority, Government of India delivered the Chief Guest address. Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor, gave away degrees to the students. Ph D degrees in Agriculture were presented to 32 students in person, while two were awarded Ph Ds in absentia. A total of 151 students were awarded degrees in Post-graduation, Out of which 120 students in M.Sc (Agriculture) and 13 students in M.Tech and five students in MBA received their degrees. Another 28 students were awarded degrees in absentia.



In undergraduate courses, a total of 698 students including 133 in B.Sc (Agriculture), 17 students in B.Tech (Agril. Engineering) and 10 in B.Sc (Homescience) were awarded degrees. Another 322 students were awarded degrees in absentia. A total of eight scientists received meritorious awards in the categories of research scientist, extension scientist and teacher.

Celebration of World Pulses Day

On the eve of World Pulses Day on 10th February, 2022, Pulses section, RARS, Lam and Department of Agriculture, Ponnuru Sub-Division, Guntur district, Govt. of A.P. jointly organized *Kisan Ghosti* and Field day at Koditadiparru village of Amarthaluru Mandal,



Guntur district. Kisan Ghosti meeting was chaired by Smt. T. Ramadevi, Sarpanch of the village and the Sri L. Bosu Babu, Chairman, Mandal Agricultural Committee; ADA, Ponnuru; MAO, Amarthaluru and the scientists of Pulses section, RARS, ANGRAU, Lam participated. Dr.M.V. Ramana, Principal Scientist (Pulses) emphasized

the importance of pulses in our daily life and their health benefits for human beings. He has also briefly explained the role of RARS, Lam and ANGRAU in developing high yielding varieties of pulses since 1980's. Farmer-Scientist interaction was conducted. Later, field day was organized in the fields of Front Line Demonstration plots of LBG 787 (popularization of high yielding blackgram variety) organized by AICRP on MULLaRP, RARS, Lam.

51st REAC Meeting Held

The 51st REAC meeting of ANGRAU was held between 21st and 22nd January, 2022 through hybrid mode at RARS Auditorium, Lam, Guntur.

Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor, ANGRAU and President of the meeting while inaugurating the REAC suggested to the members to focus on research and extension activities that benefit small and marginal farmers of the state.

Next, Dr. N. Trimurtulu, Director of Research has presented research highlights of 2020-21 and future research plans through power point presentation. He stressed about the future research on self-sufficiency in seed production, obtaining external projects with funds, focusing on research publications with high NAAS rating, new varieties development, organic and natural farming experiments, and farm mechanization useful to small and marginal farmers. Later, Dr. P. Rambabu, Director of Extension presented extension highlights for the year 2020-21.

Dr. G.V. Ramanjaneyulu, Director, Centre for Sustainable Agriculture spoke and Dr. T. Vijaya Kumar, A.P. community managed natural farming division and Rythu Sadhikara Samstha Vice-President spoke on "Various strategies to encourage organic farming". Dr. M.V. Prasad, Principal Scientist, IOPR, Pedavegi spoke on



"Conversion from Rice cultivation to Oil palm plantation". Sri Narendra, Inspire-IT Chief Technical Officer spoke about "Artificial Intelligence application in agriculture".

Under research category, Regional Agricultural Research Station, Tirupati and Agricultural Research Station, Vizianagaram received 'best centre' awards. Under extension category, Krishi Vigyan Kendra, Rastakuntubai and DAATTC, Vizianagaram received 'best centre' awards. Dr. T.S.S.K Patro, Dr.P.V.K Jagganadha Rao and Dr. V. SaidaNaik received 'Best Scientist' awards. The meeting was concluded with vote of thanks proposed by Dr. T. Gopi Krishna, Principal Scientist (Extension).

The meeting was attended by members, board of management, ANGRAU; Directors, Deans, HODs of ANGRAU; REAC members and progressive farmers. Feedbacks provided by the officers of line- departments were also discussed and action points were suggested.

Medical Camps Organized at Guntur Campus

A blood donation camp, precautionary dose COVID vaccination, free eye and dental checkup camps were organized at Guntur campus on 11th January, 2022. The Chief Guest for the occasion was Hon'ble Vice- Chancellor Dr. A. Vishunvardhan Reddy. Dr. Reddy was accompanied by the University Officers. In his address, Dr. Vishunvardhan Reddy advised the staff to utilize the services of medical camp and appreciated the staff that came forward to donate the blood. The blood donation camp was organized in association with Indian Red Cross, Guntur branch and a total of 22 units of blood was donated by the teaching and non-teaching staff. A team of doctors and nurses from Sankara Eye Hospital, Guntur and Care Dental



Hospital, Guntur conducted free check-ups to 120 teaching and non-teaching staff. Precautionary dose vaccine jab was given to 165 staff.

Steering Committee Review Meeting

Steering Committee Review Meeting for the National Workshop on “Integrated Approach for the Farmers Empowerment in Andhra Pradesh” jointly organized by Acharya N.G. Ranga Agricultural University, Sri Venkateswara Veterinary University, Dr Y. S. R. Horticultural University and A.P. State Agricultural Mission, Govt. of A. P. was conducted in the Auditorium, Regional Agricultural Research Station, Lam, Guntur on 8th January, 2022. Dr. N. Trimurthulu, Director of Research, ANGRAU welcomed the dignitaries on to the dais. Dr. A. Vishnu Vardhan Reddy, Hon’ble Vice-Chancellor, ANGRAU presided the meeting. Dr. T. Janaki Ram, Hon’ble Vice Chancellor, YSRHU; Dr. V. Padmanabha Reddy, Hon’ble Vice Chancellor, SVVU, Sri M. V. S. Nagi Reddy, Hon’ble Vice Chairman, A.P State Agricultural Mission, graced the occasion as honourable guests.

Dr. A. Vishnu Vardhan Reddy delivered presidential address about the importance of steering committee review meeting to improve the economic status of farmers. He expressed that famers’ monthly income is only Rs10,218/- at National level which indicates the poor economic and social status of Indian farmer. Therefore, it is pertinent to increase the income of farmers by sharing the ideas, thoughts of all the three Universities and other stake holders, he added. He emphasized that integrated development of farmers in all sectors is the need of the hour and long term vision is needed to serve farmers better & over all development of Agriculture. Also, Dr. N.

Trimurtulu presented the outcome the theme on crop planning and diversification agriculture Sector along with recommendations.

Dr. Ramana Reddy, CEO, Dr. Chowdappa, Vice-Chancellor, Best University, Ananthapuram; Dr V. Chenga Reddy, Hon. Board Member, ANGRAU; Dr T. Giridhar Krishna, Registrar, ANGRAU, Dr. Yella Reddy, Dean (Agril. Engineering), ANGRAU, Dr. G. Rama Rao, Dean (PG studies), ANGRAU; Dr Srinivasulu, Director Extension, Dr. YSRHU; Dr. Sarjan Rao, Sri C. S. Reddy, APMAS; Dr. D. Ravindrakumar Reddy Dean of Fisheries Faculty, SVVU, Tirupati; Dr. R.V.S.K. REDDY, Director of Research, Dr. YSR Horticultural University; Dr. A. Subbarami Reddy, Director (Seeds), ANGRAU; Dr. C.B. Harinatha Reddy, Project Officer; Dr. Y.V. Malla Reddy, Director, Accion Fraterna Ecology Centre, Anantapuramu; Dr. N. Joseph Reddy, Associate Dean, College of Agricultural Engineering, Bapatla; Dr A. Sambiah, Senior Scientist, Agril. Engineering, RARS, Lam; Dr. K. Jagannadha Rao, Principal Scientist (Agril. Engineering); Dr. G.M.V. Prasada Rao, Principal Scientist; Dr. K. Gurava Reddy, Principal Scientist (Agricultural Extension), ANGRAU; Dr. T.N. Venkata Reddy, Professor (Agril. Economics), GKVK, Bangalore and Dr. K. Krishna Reddy, NIRD, Hyderabad participated. Later, Dr. K. Palaniswamy, Professor, TNAU interacted through virtual mode with the participants.



Cost of Cultivation Scheme Meeting Attended

The “Comprehensive Scheme for Studying the Cost of Cultivation of Principal Crops in India” (CS Scheme), is implemented by the Ministry since 1970-71. Dr. G. Raghunadha Reddy, Principal Scientist (Agril. Economics) & Honorary Director, Cost of Cultivation Scheme, ANGRAU attended the meeting at Sharstri Bhavan, New Delhi on 24.2.2022 to discuss further rollout of the CS Scheme, which is going to be established in ANGRAU for A.P. State (Implementing Agency) as a new and separate scheme from Kharif 2022-23 onwards.

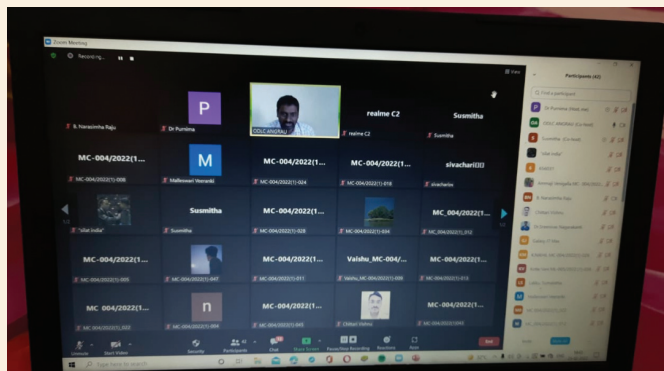
Smt. Ruchika Gupta, Advisor, CS Division of DES, New Delhi addressed the participants with the help of a power point presentation. She stressed that all the 3 new IAs should create their CS units urgently for starting the work of CS Scheme and announced the other timeline activities



for both new and old IAs. For the state of A.P., 14 crops were finalized as crop complex for 2020-2023 and timeline for action plan implementation was decided up to May, 2022. The meeting was closed with vote of thanks by Sri Vinod Ji Talashi, CS Scheme, DES, New Delhi.

ODLC Certificate Courses for January-March, 2022

Open and Distance learning Centre, ANGRAU, Lam, Guntur is organizing short term certificate courses in online mode for the benefit of farmers, rural youth, women, students and others who aspire for Agricultural education in areas such as organic farming, mushroom cultivation, terrace gardening, bee keeping, millets production processing and value addition, vermi-composting, sericulture, etc. Till date, nearly 4000 participants benefitted from the courses. For the first quarter of 2022, two certificate courses on Millets - Production Processing and Value addition and Mushroom Cultivation were started, wherein, 110 members registered for both the courses. The centre is offering weekly online classes for 2h on Friday and Saturday, respectively for these two courses. Course



material is in Telugu with detailed scientific inputs and were mailed to the participants in advance. The online sessions include expert lectures, experiences sharing from practitioners, practical demonstrations, videos, PPTs, etc. which were tailor made to suit the participants with various educational backgrounds.



Republic Day Celebrations

ANGRAU celebrated Republic Day 2022 on its campus in Lam, Guntur. Hon'ble Vice-Chancellor of the University, Dr. A. Vishnuvardhan Reddy hoisted the national flag at the faculty block premises. In his address, Dr. Reddy said that today is the auspicious day on which our own constitution was established. “On this day in 1950, the Constitution of India was implemented by removing the law of the British,” he added. The 73rd Republic Day was also celebrated across the regional centers of the university and teaching and non-teaching staff participated.

Sensitization Training on Pinkboll Worm Management Strategies

RARS, Lam organized sensitization workshop-cum-training programme on 10th March, 2022 to ginning mill owners and input dealers of Guntur district under “Insecticide Resistance Management: Dissemination of pink bollworm management strategies” Project. Dr. V. Chenga Reddy, Member, Board of Management graced the occasion and shared his vast experiences in cotton with the participants. Dr. P. Ratna Prasad, Associate Director of Research, RARS, Lam emphasized the importance of off-season management to the gathering.

Dr. M. Sudha Rani, Principal Scientist (Cotton); Dr. B. Sreelakshmi, Principal Scientist and Head



(Pathology); Dr. Annie Diana Grace, Scientist (Entomology), Dr. N. Venkata Lakshmi, Scientist, Dr. Ch. Rani scientist (Plant Breeding), Dr. K. Siva Reddy, Scientist (Plant Breeding) participated in the meeting.

Kisan Melas were organized at ARS, Nellore and RARS, Tirupati on 9th February and 10th February,



KisanMelas

2022, respectively. Dr. L. Prashanthi, Director of Research and Dr. P. Rambabu, Director of Extension participated in the KisanMelas. New technologies and new varieties of seeds were displayed in the exhibition stalls. Kisan Mela was organized at CAE, Bapatla on 26.3.2022.

Farmer- Scientist interaction was held in the afternoon session. In each KisanMela, more than 500 farmers including farmers, women farmers, entrepreneurs and rural youths participated.

Agricultural Drone Stakeholder's Workshop Organized

Agricultural drone stakeholder's workshop jointly organized by Acharya N. G. Ranga Agricultural University and Agricultural Department, Govt. of A. P. was conducted in the Auditorium, Regional Agricultural Research Station, Lam, Guntur on 16th February, 2022. Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor, ANGRAU, Lam, Guntur graced the occasion and chaired the workshop. He suggested for arriving at an Action Plan for creation of Agricultural Drone Eco-System in Andhra Pradesh State under SMAM Scheme. Dr. Reddy also mentioned that the best model for expansion of this technology needs to be worked out whether to take it on RBK basis or Mandal basis.

Dr. L. Prasanthi, Director of Research, ANGRAU explained the genesis and progress of drone research at



ANGRAU. She has opened the discussions by stating that ANGRAU has the experience of spraying in 27000 acres with drone in Andhra Pradesh on almost 32 crops in PPP mode. Smt. R. V. V. Swarna Vijaya, DDA (Farm Mechanization), Commissionerate of Agriculture, Guntur; Sri A. Raveendra Reddy, CEO, A.P. Drones Corporation, Dr. A. Sambaiah, Senior Scientist (Ag. Engg.), Center for APSARA, RARS, Lam; Dr. G. Bindu Madhavi, Principal Scientist participated in the workshop.

Celebration of SankrantiSambaralu

College of Community Science, Guntur organized a Techno-traditional festival 'SankrantiSambaralu' on 10th January 2022 in a traditional way in the college premises at Lam, Guntur with the active involvement of students, staff and university administration.

It was a unique event organized by the fourth year Experiential Learning Programme students of Community Science on the eve of Sankranti harvest festival in which technology, business and tradition converged. Dr.A.Vishnuvardhan Reddy, Hon'ble Vice-Chancellor was the Chief Guest. Dr.T.Neeraja, Dean of

Community Science; Dr.K.Yella Reddy, Dean of Agricultural Engineering & Technology and Comptroller; Dr.G. Rama Rao, Dean of P.G. Studies; Dr.P.Sudhakar, Controller of Examinations; Dr.M.Martin Luther, Dean of Student Affairs were invited as guest of honors for the event. Dr.J.Lakshmi, Associate Dean, College of Community Science coordinated the event. ELP students from all the departments exhibited their products in the stalls. The staff and students participated in the rituals such as bonfire followed by kolatam, flying kites, kabaddi and preparation of pongal prasadam, etc. Cultural activities were also conducted.



MoU exchanged between ANGRAU and IIPM

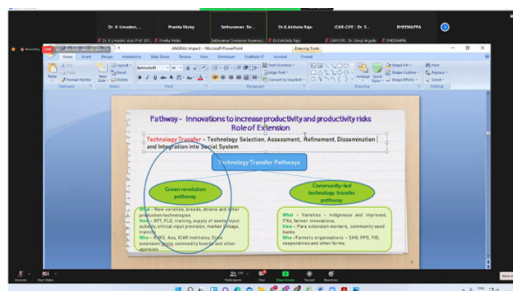
An MoU was signed and exchanged between Acharya N.G. Ranga Agricultural University, Guntur and Indian Institute of Plantation Management, Bengaluru on 14th February 2022 at Administrative Office, Guntur. The MoU has the objective of establishing livelihood business startup at ANGRAU Centre - College of Food Science and Technology, Pulivendula with the technical assistance of IIPM, Bengaluru. The MoU was signed in the presence of Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor, ANGRAU and Dr.V.G. Dhanakumar, Director, IIPM. Speaking on the occasion, Dr. Reddy said that another centre need to be established in near future at high altitude and tribal zone to serve the three districts of farmers under its jurisdiction. Dr. Dhana Kumar said that the main goal of establishing a startup is to provide value addition technical knowledge and know-how along with Marketing strategies

for important Agricultural Products to various stakeholders. The startup will also train the students in their agricultural experiential learning program (AELP), he added. Dr. D.D. Smith, Associate Dean, College of Food Science and Technology, Pulivendula and University Officers participated in the MoU exchange ceremony.



National Trainings, Workshops and Webinars Under IDP

S.No.	Topic	Event details& Dates
1	Robotics and AI in Agriculture	Organized in collaboration with ECIT Academy, IIITDM, Jabalpur from 27 th Dec, 2021 to 28 th February, 2022
2	Agro-Based Entrepreneurship	Conducted from 10 th January, 2022 to 4 th February, 2022 in collaboration with Entrepreneurship Development Institute of India (EDII), Ahmedabad
3.	French for Beginners	Organized in collaboration with English and Foreign Languages University (EFLU), Hyderabad and is conducted from 14 th February, 2022 to 14 th March 2022
4.	Effective water management	Inaugurated on 16 th February, 2022 and is conducted from 16 th February, 2022 to 3 rd March, 2022
5.	Four Skills – Learning, Speaking, Reading and Writing	Organized in collaboration with Sattva IT Solutions Pvt. Ltd from 17 th to 22 nd January 2022
6.	Advanced French course	Organized in collaboration with English and Foreign Languages University (EFLU), Hyderabad is conducted from 16 th February to 16 th March 2022
7.	Four skills – Learning, Speaking, Reading and Writing	Organized in collaboration with SattvaQ IT Solutions Pvt Ltd. for three days from 21 st to 23 rd February, 2022
8	Hi-tech Agriculture	Organized for 20 days from 21 st February, 2022 to 15 th March, 2022 for 60 third year undergraduate students in collaboration with Kerala Agricultural University, Kerala.
9.	Effective water management	16 th February, 2022 - 3 rd March, 2022
10.	Agro-based Entrepreneurship	Organized from 21 st March to 16 th April, 2022 in collaboration with the National Institute for Micro, Small and Medium Enterprises (NI-MSME), Hyderabad
11.	Export and Import of Agricultural Commodities	Organized from 14 th March to 13 th May, 2022 in collaboration with Lime Institute of Export Import training



National Workshops and Webinars

1.	Advanced Research Methodologies in Agriculture Extension	Inaugurated on 17.02.2022 and is being conducted from 17 th to 22 nd February, 2022
2.	Statistical Models for Price Forecasting in Agriculture	16.02.2022 by S.V. Agricultural College
3.	Enrichment of Professional Skills to enhance Academic & Research Competency of the Faculty	17 th , 19 th & 21 st March 2022
4.	Creation of digital content for effective teaching & training	During 24-26 March, 2022 under IDP, ANGRAU
5.	Organic Farming: A Focus on Eco – Health	23.03.2022 and 24.03.2022



International Training Programmes Under IDP

Dr. B.Sreenivasula Reddy, Associate Professor, Dr. N.T.R College of Agril. Engineering, Bapatlahas successfully completed International Training Program of IDP of ANGRAU in the Food Science Department- University of Arkansas, Fayetteville, Arkansas, USA from 8th November 2021 to 05th February 2022.

Dr. M.Madhava, Professor and Head, Department of Processing and Food Engineering, Dr. N.T.R College of Agril. Engineering, Bapatla has successfully completed International Training Program of IDP of ANGRAU at Kansas State University, USA from 16th November 2021 to 14th February 2022.

Dr. M. Suresh, Associate Professor & Head, Dept. of Plant Pathology, Agril. College, Naira selected for faculty training programme at New Mexico State University (NMSU), New Mexico, USA started on 21st Feb to attend training till 15th May, 2022. He is working on stem rot screening work at Agriculture Science Centre, Clovis, New Mexico State University.

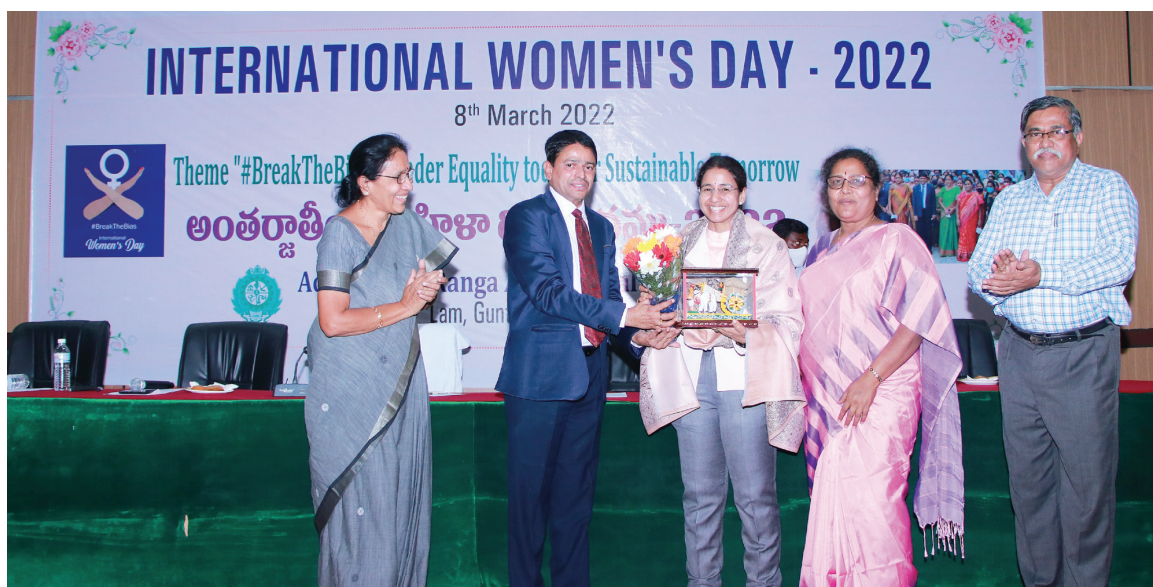


Dr. V. Umamahesh, Associate Professor, Dept. of Crop Physiology, SV Agricultural College, Tirupati is selected for faculty training programme at University of California, Davis, USA from 01.03.2022 to 31.05.2022.

International Women's Day Celebrations

ANGRAU teaching and non-teaching staff celebrated International Women's Day with fervor and enthusiasm. Dr. A. Vishnuvardhan Reddy, Hon'ble Vice-Chancellor attended the celebrations held at RARS, Auditorium as Chief Guest. In his address, Dr. Reddy said that the year 2022 is pivotal for achieving gender equality in the context of climate

change, and environmental and disaster risk reduction, which are some of the greatest global challenges of the twenty-first century. Without gender equality today, a sustainable future, and an equal future, remains beyond our reach, he added. He distributed prizes to the winners of various sports and games.



Retirements

Dr. N. Trimurtulu working as Director of Research at Administrative office, Lam retired from his position on 31.1.2022. He served the University for 35 years in various capacities and worked in centres viz., Agricultural Research Station, Amaravati; Advanced Post Graduate Centre, Lam and Administrative Office, Guntur. Dr. Trimurtulu developed Liquid formulations for various Biofertilizer organisms viz., Rhizobium, Azospirillum, Azotobacter and Phosphate Solubilizing Bacteria (Bacillus)

by incorporating different cell protectants to have long shelf life of more than 18 months and reported significant yield increase by liquid inoculants over solid carrier based inoculants in Paddy, Sugarcane, Chillies, Redgram, Blackgram, Sorghum and Maize, etc. under field conditions. Dr. Trimurthulu was awarded Visiting Scientist Research Fellowship from Japan International Research Centre for Agricultural Sciences (JIRKAS), Tsukuba, Japan for a period of one year.

Awards

RARS, Anakapalle is presented with Best Centre Award for the year 2021-22 in 37th Annual workshop of AICRP on Post-Harvest Engineering & Technology, Ludhiana held in online mode during 27-29th January, 2022 in recognition of outstanding contribution in development of Technologies in Post-Harvest Engineering & Technology.

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