



e-NEWS LETTER



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Secretary, SHE & CS,
Sanjamala

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OUR SERVICES...

- Seed production in major pulses, oil seeds, cereals and millets
- Vermicompost and vermi culture
- Soil and water testing facility
- Bio-cultures production
- Improved poultry breeds
- Incubator facility for hatching eggs
- Custom hiring centre for small and marginal farmers
- Drone facility for Agro-Chemical spraying
- Poly house and shade net facility for raising of vegetable nurseries
- Grafting of mango (Banganapalle) and fruit nursery facility
- Entrepreneurial development programmes under farm and non-farm sector
- Need based capacity building programmes for farmers, rural youth and extension functionaries
- RAWEP/Internship programmes for B.Sc. Agriculture students
- Agro-advisory services for Agri & allied sectors

Topics inside....

- ❖ Capacity building programmes
- ❖ Demonstrations
- ❖ Special events
- ❖ Exhibitions
- ❖ Seminars & conferences
- ❖ Awards
- ❖ Products & Services
- ❖ Publications



Shri Hanumantharaya Educational and Charitable Society
ICAR-ATARI-Zone-X, Hyderabad

Krishi Vigyan Kendra

Yagantipalle (V), Banaganapalli (M), Nandyal Dt. A.P-518124

Capacity building Programmes

Training on importance of soil testing and soil health management

On 05.12.2025, Shri K.V. Ramanaiah, SMS (Soil Science) conducted training program on importance of soil testing and soil health management. Explained about soil sampling procedure and nutrient management on different crops based on soil test results. He also emphasized deficiency symptoms and their management in major crops like Paddy, Ground nut, black gram etc.



Training on Integrated disease management in Maize



On 06.11.2025, Shri D.Balaraju SMS (plant Protection) conducted a training programme on Integrated Disease Management (IDM) in maize at Kariveena. He explained major pests and diseases of maize, with special emphasis on precautionary management of sheath blight during Rabi season. The programme highlighted the use of Trichoderma and Pseudomonas for managing soil-borne diseases. Farmers' queries related to maize, redgram, chilli, rice and turmeric crops were also addressed. Later conducted diagnostic field visits on maize crop.

Training programme on production technologies in Rabi pulses

On 09.10.2025, Shri. M. Sudhakar, SMS (Agronomy), conducted training programme on production technologies for oilseeds at Dhone village explained about suitable varieties in groundnut, castor for rainfed agriculture and production technologies, seed rate, seed treatment, weed management, water management and fertilizer management etc. Later conducted farmer-scientist interaction session on crop residue management practices in the area coordinated by Dr G. Dhanalakshmi Senior Scientist & Head.



Training on Integrated Crop Management in Mango



On 20.02.26 at Mettupalli village, M. Adinarayana, SMS (Horticulture) conducted training on ICM in Mango and briefed on scientific management practices. Explained on mango cultivation, including pruning, INM, irrigation, growth regulators, and a detailed spray schedule for flower induction, fruit drop, and pest-disease control. Emphasis was given on fruit covers and pheromone traps, followed by an interactive session and field diagnostics with suitable recommendations. H.O, Dhone, 48 farmers from the village participated in the training.

Capacity building Trainings to Farmer under ATMA

Under ATMA, Kurnool, KVK Yagantipalle scientists conducted a series of capacity-building programmes to strengthen farmers' knowledge and improve productivity. The programmes were inaugurated by Dr.G. Dhanalakshmi, who stressed the importance of rainfed farming and the role of KVK in promoting oilseed and pulse production. Each Subject Matter Specialist led sessions on key themes: *M. Sudhakar* explained resource conservation technologies; *K. V. Ramanaiah* guided farmers on soil testing and soil health management; *D. Balaraju* covered bio-inoculants and sustainable practices; *M. Adinarayana* discussed mango flowering and fruit-setting; *E Ravi Goud*, SMS (Extension) highlighted FPO marketing strategies; *Dr. A. Krishnamurthy* trained farmers in backyard poultry management; and *K. Lakshmipriya* emphasized the importance of nutri-cereals. The programme concluded with interactive discussions, ensuring farmer participation and practical problem-solving.



Training Program on Value Addition to Millets under SCSP

On 17.11.2025 at Anganwadi Centre, R.S. Rangapuram, Smt. K. Lakshmipriya, PA (Home Science) organized a training programme on farm and non-farm livelihoods for income generation for rural women. The programme addressed the need for diversified livelihoods and enhanced rural women income status. Session also included promoting income-generating units, food processing enterprises, and non-farm activities, along with awareness on branding, labeling, packaging, and relevant government schemes in food processing.



Training programme on improving production and reproduction efficiency in buffaloes

On 02.12.2025, Dr. A. Krishna Murthy organized a training programme for dairy farmers at Peddakambaluru. The programme focused on reproductive problems in buffaloes and strategies to improve reproductive efficiency. The importance of minerals in reproductive health and milk production was highlighted. Farmers were also educated on area-specific mineral mixtures and scientific feeding practices for improving the health and productivity of dairy animals.



Scientific Advisory Committee Meeting

Scientific Advisory Committee meeting for the year 2025-26 was held under the chairmanship of Sri. P. Balaji, Secretary, SHE&CS on 19.02.2026. Field visit was made by ADR, DDE and other members to the demonstration units existing in KVK i.e. Vermicompost, IFS, Dairy, Custom Hiring Centre, Poultry unit, Soil testing lab, Shade nets, seed processing unit etc. The session began with the Presidential address of Shri. P. Balaji Secretary followed by Johnson, ADR, RARS, Nandyal Dr. B. Mukunda Rao, DDE, ANGRAU, Lam, Guntur., N. Venkateswarlu, DAO, Nandyal, Smt. G. Dhanalakshmi, Senior Scientist and Head, KVK gave the presentation on the action taken on the minutes of the last SAC meeting, and overall achievements of KVK. Later Subject Matter Specialists presented work done for 2025-26 & Action Plan for 2026-27. In the session farmers and other members actively interacted and given the recommendations for betterment of KVK activities.



Demonstrations

Demonstration of Zero tillage in Paddy followed Maize during rabi season

Sri M. Sudhakar, SMS (Agronomy), conducted a frontline demonstration on zero tillage maize cultivation after paddy harvesting in 50 acres at Yagantipalle village involving 20 farmers. Under the demonstration, maize was sown immediately after paddy harvest using residual soil moisture without any preparatory tillage.

Seeds were dibbled manually at a spacing of 60 cm × 20 cm with a seed rate of 8 kg per acre. Weed management was carried out using Atrazine @ 1 kg/acre along with Paraquat @ 1 litre/acre within 48 hours of sowing. The practice required only 3-4 irrigations, saving two irrigations compared to the conventional method.

Advantages of Zero Tillage:

- Reduces cost of cultivation by Rs. 2,500-3,000/acre
- Allows sowing 15-20 days earlier, boosting yields
- Enables an additional third crop (e.g., green gram or vegetables) in summer
- Saves two irrigations per crop
- Protects crop from heavy April-May winds



Demonstration of Fruit bagging in Mango

KVK organized a method demonstration on fruit bagging in mango at NICRA villages to promote eco-friendly crop protection practices. The demonstration was conducted across 30 farmers' fields, where 5,000 fruit covers were distributed and farmers were encouraged to adopt bagging at the marble (lemon) stage, about 45 days after fruit setting. The covers protect mango fruits from insect bites, particularly fruit fly damage, as well as from mosquitoes, ants, pollution, chemical sprays, fertilizers, rains, sunlight, and winds. Farmers, including those from Cherlokotturu, reported that bagged fruits matured with attractive ripe color, free from black marks and blemishes. The practice proved to be environmentally acceptable and economically advantageous compared to chemical management. To ensure wider adoption, fruit covers were also made available to farmers at minimal cost through the KVK sales counter.



Method demonstration on Soil sample collection



Under the Bhumi Suposhan Abhiyan, KVK conducted awareness on importance soil health management and balanced nutrient management and method demonstrations in soil sample collection across the district. Sri K.V. Ramanaiah, SMS (Soil Science), organized and conducted eight method demonstrations focusing on the importance of soil testing for scientific nutrient management. During the programme, farmers were educated on the role of soil testing in maintaining soil fertility, improving crop productivity, and ensuring efficient fertilizer use. The demonstrations also highlighted how indiscriminate fertilizer application can adversely affect soil health and increase cultivation costs. Farmers were informed that adopting soil test-based fertilizer recommendations can significantly reduce fertilizer expenditure by approximately Rs.4,000-5,000 per acre, while sustaining soil productivity and crop performance. The programme received a positive response from participating farmers and encouraged greater adoption of soil testing practices in the district.



Special Days

Celebration of Indian Constitution Day

On 26.11.2025, KVK observed Constitution Day of India under the theme of “Hamara Samvidhan–Hamara Swabhiman” by organizing a programme on the importance of the Indian Constitution. Dr. G. Dhanalakshmi, SS&H, read the Preamble of the Constitution and explained its significance in ensuring justice, equality, and national progress. The programme created awareness among participants about constitutional values and their role in nation-building. A pledge was also administered on the occasion.



Live webcasting of 21st installment of PMKISAN

On 19.11.2025, the KVK organized a live telecast of the 21st installment programme of PM-KISAN Samman Nidhi and briefed farmers on the benefits of PM-KISAN and AnnadathaSukhibhava schemes. Agriculture exhibition was also organized showcasing technologies and inputs available for farmers in the region, including quality seed, bio-inoculants, horticultural technologies, and other agricultural supplies from KVK. APCNF staff actively participated in the programme and related activities. A farmer–scientist interaction meeting was conducted focusing on major agricultural and horticultural crops of the district. Scientists emphasized soil health management, pest and disease management, PMDS, and Pulse Mission activities. Chief guests Sri K. Mallikarjuna Reddy, Market Yard Chairman, Banaganapalli, and Sri Sudhakar Reddy, ADA, Koilkuntla, highlighted the importance of sustainable agriculture and chemical-less farming practices.

Special Swachhata Campaign 2025

KVK organized a daily cleanliness and sanitation drive from 17th September to 2nd October 2025. As part of the initiative, staff and farmers took the SHS-2025 pledge, reaffirming their commitment to fostering greater awareness and encouraging proactive community action for a cleaner and healthier India. Awareness programmes were conducted in schools and adopted villages, where participants cleaned premises and promoted waste segregation. The collected waste was systematically dumped into NADEP compost units, converting waste into wealth through eco-friendly recycling.



Celebration of Kisan Diwas-2025

In commemoration of Shri Chaudhary Charan Singh, the former Prime Minister of India and a stalwart advocate for farmers' rights, Kisan Diwas was celebrated on 23rd December 2025 at KVK. On this occasion, Dr. G. Dhanalakshmi, SS&H, highlighted the importance of farming and reflected on the remarkable progress achieved in Indian agriculture, food production, and allied sectors, emphasizing the vital role of farmers in ensuring food security and national development. Farmers actively participated in the event, sharing their experiences and acknowledging the positive impact of KVK interventions in the district.



International Women's Day 2026

On March 8th, 2026, KVK celebrated International Women's Day with the inspiring theme "Give to Gain." The programme was led by Dr. G. Dhanalakshmi, SS&H, emphasized that when society, organizations, and individuals contribute resources, mentorship, and opportunities to women, the resulting prosperity benefits not only women but the entire community. She highlighted the crucial role of women in agriculture, stressing that their active participation strengthens food security and enhances nutrition education.



Live webcasting of Bharath VISTAAR Launching

On 17.02.2026, live streaming programme was organized on the launch of Bharath VISTAAR (Virtually Integrated System to Access Agricultural Resources), an AI-based unified digital platform for agriculture. K. V. Ramanaiah, SS&H (i/c) briefed the participants on the platform's features, including real-time weather updates, crop health advisories, and government schemes. He also highlighted the growing importance of Artificial Intelligence in advancing the future of agriculture.



Bhumi SuposhanAbiyan

Bhumi Suposhan Abhiyan was organized to create awareness among farmers and school students on soil rejuvenation through sustainable farming practices. The campaign emphasized reducing excessive chemical usage, promoting natural and low-chemical farming methods, and improving beneficial soil microorganisms for long-term soil health. Scientists highlighted the importance of balanced nutrient management and eco-friendly agricultural practices for sustaining productivity and environmental safety.



Skill Training Programmes

Internship Programme to B.Sc. (Hons) Ag, Students



Skill Training Programme on Basic & Advanced Tailoring

Smt. K. Lakshmi Priya, PA (Home Science) conducted long duration Skill Training Programme on Basic & Advanced Tailoring for rural Adolescent girls and Women at Cheruvupalli from 07.10.2025 to 06.12.2025. Imparted drafting and stitching of long petticoats, Skirts, Middies, Nighties, Panjabi dresses of 5 types. Thirty women participants were trained under this programme for a period of one month.

KVK organized a one-month internship programme for B.Sc. (Hons.) Agriculture students of SMGR Agricultural College, ANGRAU from 23rd December 2025 to 19th January 2026. The programme focused on building entrepreneurial skills, preparation of business plans, and development of Detailed Project Reports (DPRs). All scientists actively participated, providing students with practical exposure across various demonstration units established at KVK. These included the Seed Processing Unit, Vermicompost Units, Soil Testing Laboratory, Bio Lab, Double Layer Livestock Units, Protective Nursery Management in Horticulture, food processing and value addition and other innovative models promoted by KVK.



Agricultural Exhibitions

Exhibition at Kisanmela, RARS, Rekulakunta, Ananthapur



On 06 January 2026, as part of the Kisan Mela held at RARS, Rekulakunta, Anantapuram, KVK organized an exhibition stall showcasing its key interventions and technologies. The stall featured informative posters on NICRA interventions, High Density Planting System (HDPS) in cotton, and value-addition activities, along with KVK literature, bio-inoculants, and millet-based value-added products. The exhibition was formally inaugurated by Shri Ambika Lakshmi Narayana, Hon'ble Member of Parliament, Satysai District, Ms. Bandaru Sravani, MLA, Singanamalla, and senior officials including the Director of Extension (DE) and Director of Research (DR), ANGRAU, Guntur.

Field days

Field Day on HDPS Cotton at Nandikotkur

On 15 October 2025, Field Day on HDPS Cotton was organized under the special project “Targeting Technologies to Agro-Ecological Zones – Large Scale Demonstration of Best Practices to Enhance Cotton Productivity” supported by NFSM 2025-26, ICAR-CICR, Nagpur, at Nandikotkur village. The programme was attended by Dr. G. Dhanalakshmi, Senior Scientist & Head, and Sri Gireesh, ADA, Nandikotkur, who created awareness among farmers about the yield advantages of HDPS cotton. The event was held at the field of farmer Sri Venkata Reddy, where a crop cutting experiment was conducted in a 5 × 5 m (25 sq. m) plot. The experiment recorded 4.5 kg of seed cotton yield in the first picking, equivalent to 7.2 quintals per acre. Farmers expressed positive feedback, noting the uniform boll formation and reduced labour requirements, and anticipated a total yield of around 11 quintals per acre in two pickings. The field day reinforced confidence in HDPS technology as a climate-resilient and economically viable practice for cotton growers in the region.



Field Day on Ground Nut variety Visista (TCGS-1694) at Dhone

On 21 October 2025, Field Day on groundnut was held at Nakkavagulapalli, Dhone Mandal under the CFLD-Oilseeds programme to showcase the performance of the improved variety Visista (TCGS-1694) under rainfed conditions. Smt. Sunithamma, ADA, Dhone, advised farmers to adopt short-duration, drought-tolerant varieties suitable for rainfed areas. Dr. G. Dhanalakshmi, Senior Scientist & Head stressed the importance of field days in building farmer confidence and popularizing new varieties. M. Sudhakar, SMS (Agronomy) explained key agronomic practices and seed availability at KVK, while D. Balaraju, SMS (Plant Protection) presented integrated pest and disease management strategies for groundnut and pulses. A crop-cutting experiment on a 25 sq. ft. plot recorded yields equivalent to 1,640–1,800 kg pods per hectare, demonstrating the potential of Visista variety. Farmers expressed satisfaction and interest in adopting the variety.



Animal Health camps

Dr. A. Krishnamurthy, SMS (AH), Organized animal health camps aimed at improving livestock health through gynecological treatment of buffaloes, de-worming, and vitamin supplementation. In addition, calf de-worming camps were, where 90 calves were provided with de-worming and vitamin supplementation services from birth to six months of age to avoid calf mortality.



Other Extension activities

Rural Awareness Work Experience Program



KVK organized RAWE program to the final year students of B.Sc. (Hons.) Agriculture of ITM, Gwalior, and Enlighten college of Agriculture, Kurnool, with objective to provide hands on experience in finding gaps in farming and application of extension strategies to overcome the gaps. Each student attached with host farmer/family for 3 months to work with them to identify production, protection and marketing constraints. Students organized trainings, information corners to give real time agro-advisories, conducted agri-exhibition to showcase the solutions for the problems in the village. KVK conducted fortnight reviews of the activities, where students presented the gaps between farmer practice and recommended practices. Students were also briefed with regard to production, protection aspects of various crops cultivated by the farmers.

Exposure visits to KVK

From October 2025 to March 2026, KVK emerged as a dynamic center of learning, welcoming 747 farmers, 1,470 students, and 80 extension functionaries. Visitors gained hands-on exposure to demonstration units and KVK activities, observing practical models in crop production, livestock management, soil health, and value-addition. These interactions deepened their understanding of scientific practices and inspired confidence to adopt innovative technologies. The steady inflow of participants highlighted KVK's role as a knowledge hub and catalyst for rural transformation, effectively bridging research with grassroots application and empowering communities through experiential learning.



1. Seminars/Conference/Workshops attended:

- E. Ravi Goud, SMS (Extn.), Participated in Training programm on "Psychometry and Scaling Methods" Organized by ICAR-NAARM, Hyderabad from 15-19, December, 2025.

2. Awards/Honors:

- Smt. K. Lakshmi Priya, Programme Assistant (Home Science) Jai kisan foundation award for Best extension professional-Home Science during National farmer's day on 23.12.2025, Z.P. Office, Anantapuram.



3.Exposure Visits to KVK(From October 2025 to March 2026):

Sl. No.	Organization/category	No. of Programmes	No. of Participants
1.	Shepherd Training Centre, Puapully, Nandyal Dt.	21	432
2.	Farmers from BAIF Organization, Yerraguntlapalem, Prakasam Dit.	1	55
3.	Farmers From AARDIP, Adoni, Kurnool Dit.	2	140
4.	Farmers from Dept. of Horticulture, Uravakonda, Tadipatri, Gooty, Ananthapuram Dit.	3	120
5.	DAESI Batch from Adoni and Kurnool Dit.	1	40
6.	B.Sc (Ag.) students from Agril. College, Mahanandi	2	225
7.	Govt. High School of Nandyal Dit. (KGBV, A.P Model, Dr. Br. Ambedkar Gurukulam, ZPHS, MJ PAP BCWR Schools) visit under Vocational Education course	15	1245
Total		45	2257

4. Summarized data on KVK activities (From October 2025 to March 2026):

Sl. No.	Activity	No. of programmes	No. of Beneficiaries
1.	Training Programmes	82	4015
2.	Exposure visits to KVK	45	2257
3.	Diagnostic field visits	14	98
4.	Animal health camps	3	80
5.	Workshops	1	136
6.	Agril. Exhibitions	3	521
7.	Swachhata Hi Seva-2025	12	215
8.	Mobile Advisory services	693	116891
9.	Press Coverage	126	-
10.	Important day celebrations	6	298
Total Beneficiaries			124511

5. Product and Services (From October 2025 to March 2026):

Sl. No.	Inputs	Quantity
1.	Pulses	915.77 qtl
2.	Oil seeds	111.77 qtl
3.	Millets	137.91 qtl
4.	Vermi compost	45.445.00 ton.
5.	Vegetable seedlings	256259.00 No's
6.	Fruit plants	1608.00 No's
7.	Poultry chicks	2400.00 No's
8.	Ram lambs and goats	22.00 No's
9.	Vermiculture	559.00 Kgs
10.	Soil samples tested	976.00 No's
11.	No. of soil health cards issued	1958.00 No's
12.	Water samples	38.00 No's
13.	Bio-inoculants	4271.00 lt.

6. Research Publications:

Sl. No.	Title of the literature	Author	Nature of publication	Journal Name	Volume
1.	Impact Study on Rajasri Birds as Backyard Poultry in Nandyal District of Andhra Pradesh	E Ravi Goud	Research Article	International Journal of Bio-resource and Stress Management	Volume 17; Issue 1; January 2026; Page No. 01-06
2.	Economic Analysis of Duplex Housing Systems for Intensive Sheep and Poultry Farming in Scarce Rainfall Regions	Dr. A. Krishna Murthy	Research Article	Journal of Experimental Agriculture International	Feb, 2026: 48(2): 638-647

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