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Krishi Vigyan Kendra – Kandukur
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TOPICS COVERED

Workshops

Diagnostic visits

Training Programs

Method Demonstrations

Group Discussions

Awareness Programs

Field Days

Important Days Celebration

New Paper clippings



IICAR-CTRI - Krishi Vigyan Kendra was started in March 2012 at Kandukur in Prakasam district and present SPSR Nellore district of Telangana State which falls under 'Agriculture Technology Application Research Institute' (ATARI) Zone-X, Hyderabad. The EGVF-KVK became fully operational in May 2018 with a Senior Scientist & Head and 6 Subject Matter Specialists specializing in Agronomy, Agricultural Engineering & Farm Machinery, Veterinary, Home Science, Horticulture, and Plant Protection.

CONTENTS

Cluster Front Line Demonstrations (CFLDs)

Vocational Skill Development Trainings

Digital Farm School

Method Demonstrations

Nurturing and Hand holding of agripreneurs

NIRCA formation day

Field Days

Press and electronic media coverages

In-service capacity building trainings



Integrated Pest Management (IPM) module to control leaf-eating caterpillars in tobacco

The Krishi Vigyan Kendra (KVK), Kandukur, implemented a Frontline Demonstration (FLD) on Integrated Pest Management (IPM) for controlling leaf-eating caterpillars in tobacco with two participating farmers. Pheromone traps were provided to monitor pest activity and reduce chemical pesticide dependence. A method demonstration in the farmer's field covered proper installation height, spacing, and maintenance for optimal trap efficiency. The intervention emphasized the role of pheromone traps in environmentally safe pest control, conservation of natural enemies, and reduction of input costs. Farmers were encouraged to adopt pheromone-based monitoring as a sustainable approach for improving pest management and ensuring profitable tobacco cultivation.



Rabi Cluster Frontline Demonstration (CFLD) training program on oilseeds

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a Rabi Cluster Frontline Demonstration (CFLD) training program on oilseeds (groundnut) at Alagayapalem, involving 78 participants. The session focused on nutrient management practices, including gypsum application at 40 days after sowing (DAS) and foliar nutrition techniques to enhance yield. Under the CFLD initiative, gypsum was provided to farmers as a critical input to improve pod filling and overall productivity. The

training highlighted the importance of balanced nutrition for sustainable groundnut cultivation. Farmer feedback on technology performance was collected to assess adoption potential and refine future extension strategies for enhancing yield and profitability in oilseed crops.



On-Farm Testing (OFT) program at Palukuru

The Krishi Vigyan Kendra (KVK), Kandukur, conducted an On-Farm Testing (OFT) program at Palkuru on assessing consumer acceptance of rice bran-based, fibre-rich millet cookies, with 10 participants, including 8 Scheduled Caste women. The program raised awareness on the nutritional superiority of millets over rice and wheat.



Sensory evaluation was conducted to compare millet-based cookies with maida cookies using a 5-point hedonic scale. Participants were motivated to initiate small-scale food enterprises by utilizing KVK's incubation facilities. Fruit saplings were

distributed to Scheduled Caste beneficiaries to establish backyard nutri-gardens, thereby improving household nutrition and providing additional livelihood opportunities.

Integrated Disease Management (IDM) in chickpea for controlling soilborne diseases

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a follow-up Frontline Demonstration (FLD) on Integrated Disease Management (IDM) in chickpea for controlling soilborne diseases, with 10 participants. The session addressed the economic impact of soilborne pathogens and highlighted the benefits of seed treatment for managing both seedborne and soilborne infections. A practical demonstration was given on seed treatment using Vitavax Power (Carboxin 37.5% + Thiram 37.5% WS) to ensure effective disease prevention. The intervention aimed to reduce dependency on repeated chemical applications, improve crop health, and promote adoption of IDM practices for sustainable and profitable chickpea cultivation.



Frontline Demonstration (FLD) on the use of a hand-push seed drill

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a Frontline Demonstration (FLD) on the use of a hand-push seed drill for line sowing in groundnut and maize, with 10 participants. A demonstration was provided on setting the seed metering mechanism, adjusting line spacing, and

explaining the advantages over manual sowing. Women farmers were encouraged to operate the equipment to enhance practical skills. During a diagnostic field visit to chilli fields, leaf curling and chilli leaf curl disease were observed. Recommendations included targeted sprays for pest control and removal of virus-infected plants to manage whiteflies and reduce viral disease transmission.



Visit to adopted villages for data collection

The Krishi Vigyan Kendra (KVK), Kandukur, conducted visits to adopted villages for data collection under an Extension study, focusing on various paddy production systems, including Direct Seeded Rice (DSR), drum seeding, System of Rice Intensification (SRI), and transplanting methods practiced by farmers. A diagnostic field visit was also carried out in paddy and chilli crops with 12 participants. In chilli, thrips damage was observed, and farmers were advised to install sticky traps and spray fipronil. In paddy, potassium.



deficiency and stem borer incidence were identified, with recommendations to apply MOP and spray chlorantraniliprole for effective nutrient and pest management.



Field visit to a Chickpea Frontline Demonstration (FLD) site

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a field visit to a Chickpea Frontline Demonstration (FLD) site in Chennipadu village, Ponnuluru mandal, to record biometric observations at 45 days after sowing (DAS). Data collected included plant height, number of branches per plant, flowering percentage, and pod development. Based on crop growth status, the use of growth regulators through foliar spray was recommended to enhance flowering and yield potential. The visit aimed to monitor FLD progress, provide timely advisory support, and ensure adoption of improved crop management practices. One FLD beneficiary participated in the monitoring activity.



Frontline Demonstration (FLD) on CoFS-33 for improved fodder production

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a Frontline Demonstration (FLD) on CoFS-33 for improved fodder production in Palkuru village, Kandukur. CoFS-33 fodder seeds were distributed to beneficiary farmers, and the importance of adopting high-yielding green fodder

varieties for enhancing livestock nutrition was explained. During a diagnostic visit to a sheep farm, cases of foot rot and lameness were observed. Farmers were advised to manage foot rot using a foot bath containing formaldehyde and copper sulphate (CuSO_4) and to maintain proper farm hygiene to prevent recurrence and reduce the spread of infectious lameness in small ruminants



Training program on Good Agricultural Practices in Rabi groundnut

The Krishi Vigyan Kendra (KVK), Kandukur, organized a six-day skill development training program on “Value Addition to Fruits and Vegetables for Entrepreneurship Promotion,” sponsored by ATMA, Prakasam, under the STRY scheme. The program was inaugurated by officials from KVK and ATMA, with 35 participants from various mandals. A pre-evaluation test was conducted, and pamphlets on value addition were distributed. Sessions covered subsidy sources,





marketing platforms such as ONDC, nutritional benefits, FSSAI regulations, and self-employment opportunities. Practical demonstrations included the hygienic preparation of tomato and lemon pickles. The training emphasized rural entrepreneurship and income generation through value-added fruit and vegetable products

NIRCA Formation Day celebrations



The Krishi Vigyan Kendra (KVK), Kandukur, staff participated in the NIRCA Formation Day celebrations held at Rajahmundry on 21 January 2025. The event brought together stakeholders from various regions to commemorate the establishment of NIRCA and its contributions to agricultural research, extension, and capacity building. Participation in the celebrations provided an opportunity for networking, knowledge exchange,

and strengthening collaborations for future agricultural development initiatives.

Six-day skill development training on “Value Addition to Fruits and Vegetables for Entrepreneurship Promotion,”

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a six-day skill development training on “Value Addition to Fruits and Vegetables for Entrepreneurship Promotion,” sponsored by ATMA under the STRY scheme. Thirty participants received hands-on training in preparing 14 value-added products and were oriented on FSSAI licensing, cost estimation, subsidies, and online marketing platforms. Pre- and post-evaluation revealed an improvement in average scores from 40% to 84%, indicating enhanced practical and theoretical knowledge. Certificates were distributed to participants, and eight expressed interests in establishing food enterprises. The program aimed to promote rural entrepreneurship and income generation through value-added agricultural products.



Follow-up field visit to the On-Farm Testing (OFT) site at Binginapalli

The Krishi Vigyan Kendra (KVK), Kandukur, in coordination with line department

officials, conducted a follow-up field visit to the On-Farm Testing (OFT) site at Binginapalli on Integrated Pest Management (IPM) and organic methods in rice for managing yellow stem borer and brown planthopper (BPH). In the organic method, pheromone traps captured an average of 25 male yellow stem borers, with reduced white ear incidence. BPH was effectively managed using yellow sticky traps and alleys. During a diagnostic visit to K. Bitragunta, severe rice blast incidence was observed, and farmers were advised to spray Isoprothiolone @ 300 ml/acre



Field Day on Chilli



The Krishi Vigyan Kendra (KVK), Kandukur, conducted a Field Day in the Chilli On-Farm Testing (OFT) field at Venkatadripalem to showcase thrips management practices. The use of blue and white sticky traps effectively reduced thrips incidence. Biopesticides *Beauveria bassiana* and *Verticillium lecanii* were applied at 30 days after planting, maintaining thrips control for 50 days, followed by Fipronil 80 WG spray for additional management. The OFT reduced pesticide usage, lowering costs while sustaining yield. The demonstration field recorded only 4 thrips per flower compared to 20 in control plots. The farmer achieved 5 quintals per acre in the first harvest and expressed satisfaction with KVK support.

Follow-up visit to the community nutri-garden at Madanagopalapuram

The Krishi Vigyan Kendra (KVK), Kandukur, conducted a follow-up visit to the community nutri-garden at Madanagopalapuram, covering 5 cents and cultivating 24 varieties of vegetables and fruits year-round, yielding at least 1 kg/day. In January 2025, the community consumed 20 bunches of green leafy vegetables (GLVs), 18 kg of vegetables, and 2 kg of fruits. Additionally, 74 bunches of GLVs, 92 kg of vegetables, and 8 kg of fruits were sold, generating Rs. 5,600 in income. IIHR seed kits were distributed to Scheduled Caste women to encourage the establishment of household nutri-gardens for improving nutrition and enhancing food security



Promoted a CFLD farmer into a successful Entrepreneur

The Krishi Vigyan Kendra (KVK), Kandukur, promoted a CFLD farmer into a successful entrepreneur in oilseed processing and value addition by facilitating the establishment of a mini oil mill at Alagayapalem, Ulavapadu mandal, with financial support from PMFME, Andhra Pradesh Food Processing Society (APFPS), and SBI. The unit produces groundnut oil priced at Rs. 300/litre, along with sesame and sunflower oils, and has obtained an FSSAI license with KVK support. Technical assistance was provided from farmer selection to project preparation, funding linkages, licensing, packaging, branding, and marketing. Plans include registration on ONDC and social media platforms to enhance market access.



Visit of the ICAR-NIRCA Director

The Krishi Vigyan Kendra (KVK), Kandukur, hosted the visit of the ICAR-NIRCA Director to raise farmer awareness about the renaming of CTRI to the National Institute for Research in Commercial Agriculture (NIRCA) and the opportunities in cultivating commercial crops with value addition. As part of promoting nutrition security, IIHR vegetable seed kits were distributed to Scheduled Caste women for establishing backyard nutri-

gardens to address anemia and micronutrient deficiencies. Under an On-Farm Testing (OFT) program, concentrate feed and bypass fat were provided to sheep farmers, along with training on the role of bypass nutrients in improving sheep health and productivity.



Field Day on the groundnut

The Krishi Vigyan Kendra (KVK), Kandukur, organized a Field Day on the groundnut variety TCGS-1694 under Rabi CFLDs at TC Palem village, Ulavapadu mandal. The demonstration variety recorded 21 pods per plant compared to 8 pods per plant in TAG-24 and showed higher tolerance to leaf spots, rust, and maintained stay-green traits compared to the farmer's practice. TCGS-1694 yielded 29.4 q/ha with a net income of Rs. 80,800/ha, against 23.6 q/ha and Rs. 40,200/ha in TAG-24. Approximately 87% of participating farmers expressed high satisfaction with the variety's attributes, citing advantages in yield, compatibility, and ease of adoption.





Workshop on obtaining Geographical Indication (GI) status for Ulavapadu

The Krishi Vigyan Kendra (KVK), Kandukur, in collaboration with the Department of Horticulture, YSRHU, Mango FPOs, and mango farmers, organized a workshop on obtaining Geographical Indication (GI) status for Ulavapadu Mango. The session highlighted the benefits and prospects of the GI tag in enhancing farmer income through supply chain management, branding, organized marketing, and export promotion. All stakeholders expressed their commitment to supporting the initiative. Real-time Good Agricultural Practices (GAPs), including Integrated Nutrient Management (INM) and Integrated Pest Management (IPM) in mango, were demonstrated. A farmer-scientist interaction session was also held to address queries and promote best practices for higher productivity.



PM-Kisan Samman Nidhi programme

The Krishi Vigyan Kendra (KVK), Kandukur, organized the live telecast of the 19th

release of the PM-Kisan Samman Nidhi programme for farmers at the KVK campus. Awareness was created on the significance of the PM-Kisan fund and its effective utilization for agricultural activities. Farmers were also briefed on additional government schemes related to agriculture to enhance their knowledge and access to resources. An interactive session was held between scientists and farmers to discuss major issues affecting different crops, enabling the provision of need-based technical advisories and promoting the adoption of improved practices for better productivity and income generation.



Probiotic feed supplementation in milch animals



The Krishi Vigyan Kendra (KVK), Kandukur, implemented an On-Farm Testing (OFT) program on the assessment of probiotic feed supplementation in milch animals. Probiotic feed, along with sodium bicarbonate, was distributed to dairy farmers to evaluate its impact on milk yield and quality. Farmers were educated on the role of

probiotics in improving gut health, enhancing feed utilization, and boosting overall animal productivity. The intervention aimed to demonstrate the economic and quality benefits of probiotic supplementation, encouraging farmers to adopt this practice for sustainable dairy management and improved returns from milk production.

TV talk on real-time mango management practices

The Krishi Vigyan Kendra (KVK), Kandukur, delivered an insightful TV talk on real-time mango management practices, focusing on practical and scientific approaches for enhancing mango production. The session provided guidance on optimizing yield through timely operations, effective pest and disease management, and the adoption of sustainable cultivation techniques. Emphasis was placed on integrated nutrient and pest management, irrigation scheduling, and canopy management to ensure higher productivity and fruit quality. The program aimed to equip farmers and horticulturists with actionable knowledge to improve profitability, reduce losses, and promote long-term sustainability in mango cultivation.



Promoted advanced agricultural practices



Krishi Vigyan Kendra (KVK), Kandukur, conducted a field visit to the FLD cotton trial at Machavaram, Kandukur mandal. Observations at 50 DAS recorded an average of 15 male adults per trap, exceeding the Economic Threshold Level (ETL). To manage the pest, the farmer applied Profenophos at

400 ml/acre. Additionally, Spodoptera infestation was observed, and recommendations were given to spray either Novaluron (200 ml/acre), Thiodicarb (300 gm/acre), Flubendiamide (40 ml/acre), or Chlorantraniliprole (60 ml/acre). These measures aim to effectively control the pest population, safeguard crop health, and enhance yield potential for better profitability in cotton cultivation.



Visit to Krishi Vigyan Kendra by Students

Students from Government D.S. Women’s College, Ongole, visited Krishi Vigyan Kendra (KVK), Kandukur, to gain insights into its mandates and functional areas. The programme covered awareness on training modules, skill development initiatives, On-Farm Trials (OFT), and Front Line Demonstrations (FLD) undertaken by KVK. Interactive sessions facilitated knowledge exchange, while exposure visits to key units such as Soil and Water Testing Laboratory, Integrated Farming System (IFS) model, Natural Farming plots, Poultry, Sheep and Goat Rearing units, and Vermicompost production unit enhanced practical understanding. The visit aimed to promote awareness on agricultural innovations and integrated approaches for sustainable rural livelihoods.



Field visit to Rabi Cluster Front Line Demonstration

KVK, Kandukur conducted a field visit

Follow-up visit to nutri-gardens and biofortified millet blocks



Awareness Programme

Awareness-cum-training program on PPV&FRA-2001

నూతన వంగదాలపై రైతులకు శిక్షణ

- కెపి ప్రధాన పరిశోధకులు డా. జి. ప్రసాద్ బాబు

అమరావతి, మార్చి 28 (ఆంధ్రప్రదేశ్)

రైతులు సాగునీరు చేతికి వంగదాలపై వారి పొయ్యలు తీసుకునే ద్వారా మార్చి 28న కేసీఆర్ ఉదయం 8 గం. నుంచి మధ్యాహ్నం 1 వరకు కందుకూరు లోని కేసీఆర్ లో అవగాహన కార్యక్రమం అమలు చేయించి ప్రధాన పరిశోధకులు డా. జి. ప్రసాద్ బాబు తిరుపతి, వంగదాల పరిశోధనా పై రైతుల కల్పం - 2001 ఏపిఎం మరియు ఎఫ్ఎంఎ అనే అంశాలపై సమాచారాన్ని ఇవ్వడానికి కార్యక్రమం అమలుచేయబడింది. రైతులు సమగ్రమైన సమాచారాన్ని పొందుతారు.



రైతుల వారి అవగాహనను పెంచుతూ, మేము ప్రతి ఏడాది పంటల పరిశోధనలో సాగు అంశాలపై ప్రత్యేక శ్రద్ధానివ్వడం వల్ల వంగదాలను ఉత్పత్తి చేసి, ఆయా రైతుల చేతుల్లోకి రిజిస్టర్ చేయబడిన రైతులకు సమగ్రమైన అవగాహనను ఇవ్వడం ద్వారా 2001 ఏపిఎం మరియు ఎఫ్ఎంఎ అనే అంశాలపై సమాచారాన్ని ఇవ్వడానికి కార్యక్రమం అమలుచేయబడింది. రైతులు సమగ్రమైన సమాచారాన్ని పొందుతారు.

2025/03/28 | Page 3
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వంగదాల పరిరక్షణపై

అవగాహన 28న

కందుకూరు పట్టణం, మ్యాన్ టూ: కేసీఆర్ ఆధ్వర్యంలో మార్చి 28న కేసీఆర్ ఈ నెల 28న వంగదాల పరిరక్షణ, రైతుల కల్పం అనే అంశాలపై ఉత్పత్తి అంశాలపై నిర్వహించబడిన సీనియర్ శాస్త్రవేత్త జి. ప్రసాద్ బాబు యువరాజు టి. ప్రభువంద్యలో తెలిపారు. రైతులు వారి అవగాహనను పెంచుతూ, మేము ప్రతి ఏడాది పంటల పరిశోధనలో సాగు అంశాలపై ప్రత్యేక శ్రద్ధానివ్వడం వల్ల వంగదాలను ఉత్పత్తి చేసి, ఆయా రైతుల చేతుల్లోకి రిజిస్టర్ చేయబడిన రైతులకు సమగ్రమైన అవగాహనను ఇవ్వడానికి కార్యక్రమం అమలుచేయబడింది. రైతులు సమగ్రమైన సమాచారాన్ని పొందుతారు.

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CHIDAMBARAM



GIST OF ACTIVITIES FROM JANURAY TO MARCH 2025

	Activities	No.s	Beneficiaries
1	Field visits	34	2451
2	Diagnostic visits	9	584
3	Group meetings	5	241
4	Trainings to Farmers & Farm Women	8	357
5	Farmer visit to KVK	12	642
6	Method Demonstrations	3	120
7	Rural youth trainings	2	52
8	Extension Trainings	2	146
9	Field Days/Kisan Mela	4	287
10	Soil Samples Tested	25	25
12	Press coverages	32	4520
13	Exposure visits	1	34
Total			9459