



P.V NARSIMHA RAO TELANGANA VETERINARY UNIVERSITY

KRISHI VIGYAN KENDRA, MAMNOOR, WARANGAL District

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Hon'ble Vice Chancellor's Message

Krishi Vigyan Kendra, Mamnoor is the only such institution in the state focusing on livestock and poultry production and aquaculture, besides crop production and allied sectors crucial for a progressive rural economy. It is transferring latest farm technologies through Field days, Kisan Melas and Workshops. These activities facilitate direct interaction between scientists and farmers, promoting exchange of ideas and experiences. Skill-oriented training programmes organized by this institution encourage entrepreneurship among farmers and rural youth and help in diversifying their income source. On-farm trials and Front-Line Demonstrations conducted on Backyard poultry, Sex sorted semen technology, Direct seeding of rice, Value added Mohua products etc. have had a high impact on the farmers.

I appreciate the efforts of the Scientists in forging collaboration with National level institutions such as NMRI, NFDB, NAARM, MANAGE and several NGOs, besides having cordial relation with local government officials. I am sure this would help this Kendra in reaching its mandated goals more effectively.



(M.Gnana Prakash)

Kisan mela under Special Cotton Project

Kisan Mela was conducted on 30-01-2025 under Special project of Cotton of ICAR-CICR titled "Targeting technologies to agro-ecological zones-large scale demonstration of best practices to enhance cotton productivity" under NFSM sanctioned by CICR, Nagpur. Warangal Collector and District Magistrate Dr. Satya Sharada attended as chief guest and inaugurated the KVK stall and visited different stalls exhibited with all line department officials. After visit, the programme started with lighting of lamp, followed by State song. Dr. Rajanna Programme Coordinator and Head KVK Mamnoor Warangal welcomed the gathering and narrated the activities of KVK Mamnoor and briefed on outreach to farmers and requested Collector to provide funds to create water facility for KVK instructional farm. A booklet was released on

High density planting system in Cotton. Collector appreciated the activities of KVK and urged the farmers to utilize the services of KVK and briefed on export options for cotton. Dr. Ch. Sowmya explained the theme of Kisan Mela and briefed on the Cotton project implemented during 2023- 24 and 2024-25. Dr. G. Veeranna PS Cotton discussed in detail canopy management in cotton. Director of Extension Kishan Kumar encouraged the farmers to adopt new innovations in agriculture. Dr. Srinivas Reddy Associate Dean, College of Veterinary Science suggested farmers to take up integrated farming. DAO Warangal encouraged the farmers to adopt farm mechanization and lower cost of cultivation. All line department officials briefed on their activities. Farmers gave their feedback on HDPS cotton. Progressive farmers were felicitated. Dr. Raju proposed a vote of thank. The programme concluded by paying respect to National anthem by all officials, KVK staff, farmers and participants of different seed, fertilizer, farm machinery companies.



Joint Secretary visit to KVK



Honorable Amoy kumar, Joint Secretary, Animal Husbandry visited KVK, Mamnoor on 12-02-2025. Dr N.Rajanna, Programme Coordinator & Head welcomed him with bouquet and briefed the ongoing activities of KVK Mamnoor. He suggested to implement the organic farming, integrated farming and enquired about publications brought by Krishi Vigyan Kendra. Interacted with scientists and went through the information corner, boifloc fish farming unit and discussed at

length on strategies to improve the quality of livestock sector.

Workshop on HDPS cotton technology

On August 02, 2025, a workshop on HDPS cotton was organized under the ICAR-CICR Special Project on Cotton, "Targeting technologies to agro-ecological zones-large scale demonstration of best practices to enhance cotton Productivity" under NFSM 2024-25. In their briefing on the project's specifics, Dr. N. Rajanna PC and the Head highlighted the value addition of cotton stalks as compost, briquettes and pellets, and biofuel to lessen environmental pollution caused by burning them. In addition to encouraging farmers to adopt HDPS cotton technology in the upcoming season, Smt. Anuradha, District Agriculture Officer, Warangal, assured their support in validating DBT to farmers. The benefits of HDPS cotton technology were described by District Agriculture Officer Hanumakonda, Shri Ravinder Singh. Cotton canopy management and the uses of farm equipment were covered in detail by Dr. Ch. Sowmya of SMS Agronomy Dr. A. Raju, SMS (Plant Protection) addressed cotton diseases and pest control practices. Shri Sarangam, an NFSM consultant, gave a briefing on the cotton shredder for adding stubble to cotton and the pneumatic planter for sowing. Veda and Rasi seed representatives presented a summary of how well their cultivars performed. Farmers' opinions on the technology were compiled at the end of the program. This program includes 30 progressive farmers, 3 representatives from seed companies, 10 AOs, and 25 AEOs.



Skill Training on value added millets as an enterprise

A four days Skill Training on value added millets as an enterprise under ICAR-DAST was inaugurated by Mr. Krishna reddy, chairman, market committee Wardhannapet on 22-01-2025 at Ganesh kunta Tanda Raiparthy mandal, Warangal district. Dr Arunjyoti, SMS (Home Science) oriented on importance of millets, value addition and scope of millet-based enterprise. Exposure visit was organised to millet processing unit established under RURBAN scheme at Konkapaka, Parvatagiri Mandal and maintained by DRDA Warangal. Various millet based recipes were also demonstrated to the participants including Jowar payasam, Jowar flake, Jowar chuduva, Millet idly and Bajra laddus.



STRY programme on "Oilseeds, maize and Oilpalm development

ATMA, Warangal sponsored six days Skill Training of Rural Youth programme on Oil seeds, maize and Oil palm was conducted from 03-02-2025 to 08-02-2025. In this programme scope and importance of oil seeds, cultivation practices of groundnut, sunflower, Sesame and Maize package of practices were covered by Dr Ch.Soumya, SMS (Agronomy) and course coordinator. Pest and diseases management in oil seeds, maize and oil palm was discussed by Dr A.Raju,

SMS (Plant Protection) during these six days.

District Agriculture Officer Smt Anuradha attended as chief guest for the valedictory programme on 08-02-2025. She addressed the gathering about the significance of the training programme and governments initiative on increasing Oilseeds and Oil palm production. She congratulated all the participants on successful completion of the programme and distributed certificates.



Few farmers shared their experience and feedback on the training conducted.

Animal Health cum Fertility camp under DAPST

An Animal health cum Fertility camp was conducted at Jayaramthanda thanda village, Wardhannapet mandal, Warangal district under ICAR-TSP on 03-01-2025. Dr J.Sai Kiran, SMS (LPM) along with other supporting staffing treated a total of 158 animals. A total of 18 dairy animals out of 152 animals were per rectally examined for pregnancy, reproductive



disorders, AI was done in animals which were in oestrus and also distributed medicines and Mineral Mixtures to the farmers. A total of 140 sheep and goats were dewormed and liver tonics were distributed to the farmers. Awareness was created on the importance of service period and dry period in dairy animals.

Animal Health cum Fertility camp under DAPSC



KVK, Mamnoor in collaboration with department of Veterinary & Animal Husbandry organised a fertility cum animal Health camp on 12-02-2025 in Mallak pally village of Dharmasagar mandal of Hanumakonda district under ICAR-DAPSC. Dr N.Rajanna, programme Coordinator & Head inaugurated the camp and examined the animals. A total of 43 dairy animals were examined per rectally for Pregnancy diagnosis and treated for various reproductive disorders like anestrus, repeat breeding and mastitis as well. Medicines, area specific mineral mixtures & calcium supplements were distributed to the farmers. Farmers were orientated on role of Artificial Insemination on upgradation of non-descriptive animals and cultivation of various fodder crops by Dr N.Rajanna, Programme Coordinator & Head. Dr Priyanka local Veterinary Assistant Surgeon, and Mr Vijay, Lab technician have also attend the camp.



Webcasting of Krishi Choupal programme.

On 08-02-2025 hosted a live webcast of 3rd episode of the Krishi Choupal program, which was organized by the Department of Agriculture and Farmers Welfare, along with the Department of Agricultural Research and Education. This event was held in collaboration with Doordarshan and All India Radio, with the goal of providing farmers with access to crucial information about the latest agricultural technologies. The program featured recorded

interactions between farmers and experts, allowing the audience to gain valuable insights into scientific advancements in farming practices. By leveraging these media platforms, the initiative sought to bridge the information gap and empower farmers with knowledge that could enhance their productivity and improve agricultural practices. Through the webcast, the participating farmers were able to interact with agricultural scientists, ask questions, and learn about best practices, making it an important step towards fostering a more informed and technology-driven farming community. Forty-five famers along with KVK, Scientists have taken part in this event.

Live streaming of PM-Kisan Samman Samahro



On 24th February 2025 hosted a live webcast of the 19th release of Pradhan mantri Kisan Samman Nidhi (PM-Kisan), highlighting the government's commitment to farmer welfare. As a part of the programme, an exhibition was organized and three progressive farmers were honored for adopting modern technologies, inspiring others to follow. Dr A.Raju, SMS (Plant Protection) explained the importance of Natural farming and farm mechanization. Farmer feedback was recorded to assess the scheme's impact. Farmers also listened to the Honourable Prime Minister's speech, where he emphasized digital agriculture, sustainability, and continued government support to enhance agricultural growth and prosperity.

Students Visit to KVK



As a part of education visit about 1147 Students from Nekkonda , Narsampeta and Duggondi PM Sri Government Schools , had an educational visit to KVK, Mamnoor on 12th & 18th February 2025 The visit provided an insightful experience about various agricultural practices and technologies. The students were warmly welcomed and given a detailed overview of the KVK by Dr. Rajanna PC, the Head of KVK. Afterward, the students visited all the demonstration plots established at KVK, where the respective scientists in charge explained the various demo units.

Special days conducted

National girl child day 2025 celebration

National girl child 2025 was conducted with theam "Empowering girls for better future on 24-01-2025 at KVK, Mamnoor. Dr N Rajanna programme coordinator & Head addressed the on importance of observing the girl child day and urged the participants to excel in all activities and make use of the opportunities equally.



Dr.Arunjyothi SMS (Home science) spoke on goal setting and personality development of the adolescent and young girls.

National Voters day celebration

Observed National Voters Day 2025 on 25-01-2025 at KVK, Mamnoor. KV Staff took the pledge to encourage people to vote unbiasedly and without fear, to uphold the democratic traditions of their country.



Skill training programme on value added milk products as an enterprise" for women under ICAR-SCSP

Four days skill training programme on value added milk products as an enterprise" for women under ICAR-SCSP was organized from 18-02-2025 to 21-02-2025. In inaugural address Dr N.Rajanna Programme Coordinator & Head spoke on the scope of value added milk based products as an enterprise. Dr.Arunjyothi oriented on nutritional values and importance of milk in diet with focus on women's health. Dr Jagadish, Assistant Professor & Head and Dr Mounika Assistant Professor, Department of Livestock Products Technology facilitated the demonstration of making of milk products like Paneer, Kalakhand, Khoa, Whey Protein etc. During these four days topics on safe and hygienic handling of milk, requirements of setting up a value-added milk-based startup, vegetarian milk-based products like preparation of coconut bafies, Badam milk, soya milk cheese and ice creams, methods of detection of adulterants of milk and machinery used were covered. A total of 25 Sc women farmers participated in this programme.



Off campus Capacity building programmes



Training programme on "Integrated Pest Management of sucking pests in different crops was conducted on 04-01-2025 at Kamlapur, Hanumakonda district.

Participants: 30

Training programme on Scientific Dairy Farming was conducted on 20-01-2025 at Ambedkar nagar, Wardhannapet mandal, Warangal district on

Participants: 40



Training programme on Scientific Dairy Farming at Dhamera of Hanumakonda district on 06-01-2025.

No.of Participants: 50



Training programme on package of practices in groundnut under CFLD Oilseeds was organized on 21-01-2025 at Ontimamidipally village, Inovolu mandal, Hanumakonda district

Participants: 40



Training programme on Water Quality Management in Fish Farming was conducted at Singaram village of Hanumakonda district on 04-02-2025

Participants: 25

Training programme on Integrated Dairy Farming was conducted on 04-02-2025 at Narmetta Viallage on 04-2-2025

Participants: 50



Awards & Honours

1. Dr. G. Ganesh, SMS (Aquaculture) has received best employee commendation certificate from Dr. Satya Sharada, Collector & Magistrate, Warangal district on the eve of Republic day on 26th January 2025.

2. On the 26th foundation day of ICAR-NMRI, Hyderabad, which was held on 25-02-2025, Dr. N. Rajanna, the program coordinator and head, was presented with an appreciation certificate by Dr. Mukesh Kumar Gupta, Director, ICAR-National Animal Facility for Biomedical Research (NARFBR), Hyderabad, for his significant contribution to facilitating ICAR-NMRI's activities under DAPSC/DAPST.



3. For helping farmers to apply for Plant Protection Varieties and Farmers' Rights Registration during the training and awareness program on PPVFRA held on February 28, 2025, at DDS-KVK, Zaheerabad, Medak, KVK, Mamnoor was presented with a certificate of appreciation by Dr. Trilochan Mahapatra, Chairperson, PPVFRA, New Delhi..



Research articles published

1. J. Saikiran, N. Rajanna, J. Shashank, G. Ganesh, A. Raju, Ch. Sowmya and R. Arunjyot 2025 Impact of Rearing Rajasri Birds on the Livelihood and Nutritional Security of BPL Families in Warangal, Hanmakonda and Mulugu Districts of Telangana State. International Journal of Bio-resource and Stress Management

16(1): 01-08 NAAS 5.40

2. Dr. N Rajanna, Dr. J Sai Kiran, Dr. J Shashank, Dr. G Ganesh, Dr. A Raju, Dr. CH Soumya and Dr. R Arunjyoti 2025 Impact analysis of sexed sorted semen technology in field condition of Warangal district of Telangana state. International Journal of Agriculture Extension and Social Development Vol 8 (2): 10-13 NAAS 5.04

Other Extension activities conducted

S.No	Name of the Activity	Number
1	Diagnostic visits	17
2	Group Discussions	03
3	Method Demonstrations	07
4	TV Programmes	04
5	Popular articles	04
6	Press Notes	18
7	Research papers	02
8	Extension Literature	01
9	Resource person	12

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