



P.V NARSIMHA RAO TELANGANA VETERINARY UNIVERSITY

KRISHI VIGYAN KENDRA, MAMNOOR, WARANGAL District

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Chief Editor's Message



KVKs are creating awareness about improve agriculture and allied sectors technologies through large number of extension programmes. Critical quality inputs like seeds, planting materials, livestock and poultry units made available to the farmers. The KVK functions on the principles of collaborative participation of scientists, subject matter specialists, extension workers and farmers.

It is imperative to say that this KVK is playing importance key role in improving the knowledge of improved agricultural practices through Front Line Demonstrations (FLD), On farm Testing (OFT), Demonstrations and training activities. KVK Mamnoor, focusing on livestock health and managerial practices to a larger extent unlike other KVKs in the state. The Centre is doing exceeding good with collaboration of national institutes such as NMRI, NFDB, NAARM, MANAGE apart from state and district level institutes.

(M.MAHENDER)

X- Scientific Advisory Committee Meeting

Tenth Scientific Advisory Committee meeting of Krishi Vigyan Kendra, Mamnoor, Warangal District was conducted on 28.02.2024 at KVK, Mamnoor. Dr.M.Gnana Prakash, Registrar, Dr M.Mahender, Director of Extension PVNRTVU, Dr Malathi, Senior Scientist, ATARI, Zone-X and all the other line department officials and farmer members of SAC have attended the meeting. The programme was chaired by Dr M.Gnana Prakash, Registrar, PVNRTVU. He released three pamphlets developed by the Scientists of KVK. He appreciated all the scientists of KVK for carrying out the best activities to rural farmers and also insisted the scientists to implement the suggestions of SAC in a best possible manner.

The Heads of line departments of Warangal district and progressive farmers participated and expressed their views on the activities to be carried out by KVK, Mamnoor. Earlier, Dr M.Mahender , Director of Extension, welcomed all the members for the 10th SAC Meeting. Dr.N.Rajanna, Professor and Head, KVK, Mamnoor presented the overall activities of KVK for the year 2023, followed by individual presentations by all the scientists of KVK in their respective subject area. The Registrar, DE and representative of ATARI, Zone-X have distributed five Goat units under ICAR-TSP and Light traps and Wet grinders under ICAR-SCSP.



Livestock Impactful Programme

KVK, Mamnoor have distributed 2000, six-week-old Rajasri birds, feeders, drinkers, feed and necessary medicines to 200 farmers & farmwomen under the Director's, ICAR-ATARI, Zone-X, Hyderabad special programme- Livestock impactful programme for improvement of livelihoods of farmers. Birds are laying eggs and the scientists are monitoring the health condition of birds regularly



HDPS cotton technology training programme

A training programme was organized on HDPS cotton technology on 29-08-2024 under Special project on cotton, ICAR-CICR titled "Targeting technologies to agro-ecological zones-large scale demonstration of best practices to enhance cotton productivity" under NFSM. Dr. N. Rajanna, PC and Head briefed about the project and its implementation. Dr. U. Nagabhushanam Principal Scientist Agronomy described canopy management in HDPS cotton. Dr. Ch. Sowmya discussed on package of practices of HDPS cotton. Dr. A. Raju explained pest and disease management in HDPS cotton. Raasi seeds regional manager detailed on the varieties. Few farmers expressed their feedback on HDPS cotton cultivation. This was followed by question-and-answer session. The programme concluded with a visit to HDPS demonstration plot wherein spacing adopted in HDPS cotton, spraying of growth retardant Mepiquat chloride was demonstrated.



Plant4mother programme of Global Campaign



KVK, Mamnoor has organized the two-plantation event as a part of Global Campaign on "Ek Ped Maa Ke Naam" #एक_पेड़_माँ_के_नाम #Plant4Mother plantation drive on 22nd & 29th August 2024 within the premises of KVK farm. Dr M.Mahender, DE, PVNRTVU along with other scientists have planted the fruit bearing plants saplings.

Capacity building programmes conducted

KVK organised a total of ----- On-campus and -----Off-campus training programmes for practicing farmers, farm women, and unemployed rural youth in the area of animal husbandry, agriculture, home science, and aquaculture. A total of ----- persons participated in the programmes. The training included theoretical classes and practical demonstrations in demonstration plots and farmers' fields.



Vikshit Bharat Sankalp Yatra

KVK Mamnour Scientists have participated in 'Vikshit Bharat Sankalp Yatra' (VBSY) in 31 villages of Warangal, Hanmakonda and Jayashankar Bhupalpally districts and disseminated the information of all GOI schemes, Natural Farming, Soil Health management, Climate smart varieties, demonstration of drone technology in agriculture, health camp, success story of farmers – Meri Kahani Meri Zubani, etc. Also all the participants in the campaign took pledge that India will be fully developed when the country completes 100 years of independence in 2047.



Live Telecast on Launch of National Pest Surveillance System

KVK, Mamnour conducted Live Telecast on Launch of National Pest Surveillance System (NPSS) by Shri Shivraj Singh Chauhan, Central Agriculture Minister at PUSA campus developed by ICAR-NCIP Mon 15-8-2024. NPSS is a digital initiative by Department of Agriculture and Farmers' Welfare utilizes cutting-edge technologies such as Artificial Intelligence (AI) and Machine Learning (ML) to offer timely and precise pest management advisories. The system comprises a user-friendly mobile app and a web portal, ensuring accessibility for all farmers.



Sponsored training programmes

KVK, Mamnoon has organized four sponsored training programmes. In these programmes 153-farmers, farm women and youth were trained. The details of the programmes are mentioned in the below table

S.No	Title of the training programme	Sponsoring agency	No.of Participants trained	Training coordinator
1	Making of cloth bags, Cell phone pouches & Farm gloves f(19-24 January 2024)	ATMA, Warangal	25	Dr R.Arunjyoti
2	Improved management practices of Veterinarians & Livestock Farmers to contain Anti-Microbial Resistance & One health concept (23 rd to 24 th January 2024)	Sathguru Management Consultants Hyderabad	50	Dr N.Rajanna
3	Poultry rearing & Management (11 th to 16 th March, 2024)	ATMA, Warangal	28	Dr J.Shashank
4	Improved Aquaculture practices in carp culture (1 st batch from 13 th to 17 th February & 2 nd batch from 12 th to 16 th March 2024)	NFDB, Hyderabad	50	Dr G.Ganesh
5	Disease diagnostics & Fish health Management (20-24 August, 2024)	NFDB, Hyderabad	30	Dr G.Ganesh

Memorandum of Understanding (MOU) signed between PVNRTGVU & TAA IITKGP

In the presence of Hon'ble Vice Chancellor Shri Sabyasachi Ghosh, IAS (FAC), and Dr. B. Gopi, IAS, Director, Veterinary & Animal Husbandry, Govt. of Telangana, an MOU was signed on August 26, 2024, between P.V. Narsimha Rao Telangana Veterinary University (PVNRTGVU) and the Technology Alumni Association, IIT Kharagpur (TAA, IITKGP) Hyderabad Chapter. The purpose of the MOU is to implement organic farming, INM, and pest management for farmers under the jurisdiction of KVK, Mamnoon.



Launch of KVK Mamnoor's Website

The new KVK, Mamnoor website (www.kvkmamnoor.org) was launched on August 26, 2024 by Honourable Vice Chancellor Sri Sabyasachi Ghosh, IAS (FAC), in the presence of all university officers and Dr. B. Gopi, IAS, Director of the Veterinary & Animal Husbandry Department, Government of Telangana.



Field day in Groundnut

As a part of Cluster Frontline Demonstration in Oil seeds, KVK, Mamnoor conducted field day in groundnut crop on 26-04-2024 at Ontimamidipally (V) of Hanmakonda district. Dr Ch.Sowmya, SMS (Agronomy) has created awareness on the optimum seed rate, seed treatment with Tebuconazole (1ml/kg seed) for soil borne diseases control during initial stages, application of gypsum @200 kg per acre at pegging stage, timely pest management etc. Farmers appreciated the yield increase in technology demonstrated compared to farmers practice.



Celebrations of Golden Jubilee Year of KVK's

KVK, Mamnoon celebrated Golden jubilee year of KVK's on 17 & 18 May 2024 to commemorate 50 years since inception of first KVK in the Country. Dr M.Sreenivas Reddy, Associate Dean, College of Veterinary Science, Mamnoon as a chief guest urged farmers to utilize the services of KVK and act as a catalyst in disseminating information to wider platform. Dr N.Rajanna, Programme Coordinator & Head briefed about the KVK system for the transfer of technology to the farming community and the celebration of Golden jubilee year. Dr Ch.Sowmya explained the history of KVK, Mamnoon and significant achievements of KVK so far in technology transfer to farming community. Earlier to this Dr R Arunjyoti, SMS (HS) introduced the KVK staff to the farmers and the programme was inaugurated with the lighting of the lamp. On this occasion few farmers were felicitated. The programme was concluded with vote thanks proposed by Dr A.Raju SMS(PP). On Second day, Scientists of KVK had explained about the importance of the various demonstration units to the farmers.



Fertility cum animal Health camp



KVK Mamnoon organised a Fertility cum Animal health camp in collaboration with dept. of Veterinary & Animal Husbandry Warangal district at Khila Warangal village, Warangal district on 21-08-2024. Dr Balakrishna, DVAHO Warangal attended as chief guest and inaugurated the camp along with Dr N.Rajanna, Programme Coordinator & Head. A total of 72 dairy animals were examined perfectly for Pregnancy diagnosis and treated for various reproductive disorders like anestrus, repeat breeding etc and accordingly medicines and Mineral Mixture were distributed to the farmers.

Inputs distribution under ICAR-DAPSC & DAPST

Dr M.Mahender, Director of Extension, PVNRTVU has distributed the inputs/assets to the beneficiaries of adopted villages on 18-06-2024 under ICAR-SCSP and TSP. He also urged the farmers to use them properly to improve the farm yield and sustainability of livelihoods. In this programme, he distributed paddy seed to 15 farmers, one chaff cutter, five fish cast nets, 15 PPE kits under ICAR- SCSP and 20 PPE kits to tribal beneficiaries under ICAR-TSP. Dr N.Rajanna Programme Coordinator & Head along with other Scientists distributed 13 night shelters and , 23 battery sprayers under ICAR-DAPSC and DAPST, respectively.



Inauguration of Biofloc demonstration Unit

Dr M.Mahender, Director of Extension, PVNRTVU has inaugurated the Biofloc demonstration unit on 07-06-2024 which was established under ICAR-TSP in KVK instructional farm. This unit has the capacity of 15000 liters for stocking of 1500 fish fingerlings. While addressing the farmers he suggested them to cultivate the fish in this technology in which the feed cost can be reduced by 50%, decrease the ammonia level in water and high survival rate of fingerlings with zero exchange of water. Dr M.Mahender, DE along with Dr N.Rajanna Programme Coordinator & Head released 1000 Murrel fingerlings in the Biofloc unit.



Live webcast of PM KISAN programme

KVK, Mamnoor organized the live webcast of PM KISAN -17th installment of fund release by Hon'ble PM to farmers on 18-06-2024. Dr M.Mahender, Director of Extension has graced occasion and interacted with the farmers. All the Scientists of KVK and 86 farmers have participated in this programme.



Chilli Farmers Awareness Programme

KVK, Mamnoor conducted awareness programme on chilli cultivation, pest and disease management in collaboration with Krishi Jagran under Samruddi Kisan Utsav on 22-07-2024 at Rangapur (V) of Jayashankar bhupalpally district. Dr N.Rajanna, Programme Coordinator & Head emphasized the farmers to be export oriented and also advised to form farmers producers organization (FPO). Dr Ch.Sowmya, SMS (Agronomy) discussed on cultivation of chilli focusing on integrated weed management and INM. Dr A.Raju SMS(Plant Protection) explained in detail of different pests and diseases affecting chilli and their control. Shri Mohanty, Regional Manager, Krishi Jagran briefed about the activities undertaken for the benefit of farmers. This was followed by interaction with farmers in the form of Q & A session, farmers experiences and the programme concluded with felicitation of two best chilli farmers. Shri Vijaybhaskar, DAO and Sanjeev Rao, DHO and two hundred farmers have participated this programme.





Parthenium awareness week

As part of the Parthenium awareness week (16th to 22nd August 2024) seven programmes were conducted in different villages and explained characteristics of this weed and discussed the ill effects of parthenium to humans and animals and urged them to eradicate the weed through community approach.

Skill development training programme on Value addition to milk

Five days skill training programme on value addition to milk was conducted from 06-08-2024 to 10-08-2024. Dr N.Rajanna Programme Coordinator & Head spoke on status of milk production in India in general and Warngal district in particular and its value chain. Dr R.Arunjyoti, SMS (HS) explained about the nutritive value of milk & milk products. Dr Jagadish Swamy, Assistant Professor, Dept.of Livestock Production Technology, College of Veterinary Science, Mamnoor has conducted hands on training during this programme and demonstrated the making of Paneer, Kalakhand, Whey protein, Khova and khova based gulabjamun etc.



Awards & Recognitions

1. **Dr R. Arunjyoti**, SMS (Home Science) received *commendation certificate* from Kum. P.Pravinya, IAS, District Collector & Magistrate, Warangal on the eve of Republic day on 26-01-2024
2. **Dr J.Shashank**, SMS (Veterinary Medicine) received *commendation certificate* from Kum. P.Pravinya, IAS, District Collector & Magistrate, Warangal on the eve of Republic day on 26-01-2024
3. **Dr A. Raju**, SMS (Plant Protection) received *best Plant Protection Scientist award* from Dr Neeraja Prabhakar, Hon'ble Vice Chancellor SKLTSHU, Mulugu, during the 6th International

conference on Holistic Innovation & Technical Advancement for Sustainable Agriculture (HITASA) held from 4th to 6th March ,2024 at SR deemed University, Warangal

4. **Mr R. Harsha** (YP-I) received *Young Achiever award* from Dr Neeraja Prabhakar, Hon'ble Vice Chancellor SKLTSHU, Mulugu, during the 6th International conference on Holistic Innovation & Technical Advancement for Sustainable Agriculture (HITASA) held from 4th to 6th March ,2024 at SR deemed University, Warangal
5. **Dr N.Rajanna**, Programme Coordinator & Head received *Best Extension Scientist award* from Dr Neeraja Prabhakar, Hon'ble Vice Chancellor SKLTSHU, Mulugu, during the 6th International conference on Holistic Innovation & Technical Advancement for Sustainable Agriculture (HITASA) held from 4th to 6th March ,2024 at SR deemed University, Warangal
6. **Dr N.Rajanna**, Programme Coordinator & Head received *First Best paper award* for research paper on Effect of slow release of NPN sources milk production & Milk quality parameter in CB Cows which is published Indian Journal of Dairy Science, 2022 during the Dairy Industry Conference held from 4th to 6th March, 2024 at Hitex, Hyderabad
7. **Dr J Saikiran** SMS (LPM) received *commendation certificate* from Dr Satya Sharada I.A.S., District collector and Magistrate, Warangal on the eve of Independence Day 15-08-2024
8. **Shri Devender reddy**, KVK Contact farmer of Singaram (V) received *best farmer award* from Dr Umareddy, ADR, RARS, Warangal on the occasion of Radio Kisan Diwas held on 15-02-2024 at AIR, Warangal
9. **Smt Manjula**, women farmer of Errabelli village of Hanmakonda district received *best farm women award* from the dignitaries on the occasion of Radio Kisan Diwas held on 15-02-2024 at AIR, Warangal
10. **KVK, Mamnoor** received two appreciation certificates for Dairy development through sex sorted semen and well attempted farmers data base from Dr Mathur, ICAR-Director, IIOR, Hyderabad during the Annual Zonal Workshop of Zone-X KVKs held at ICAR-CTRI, Rajahmundry, AP from 25th to 26th June 2024
11. **Dr J Saikiran** SMS (LPM) received commendation certificate from Dr Satya Sharada I.A.S., District collector and Magistrate, Warangal on the eve of Independence Day on 15-08-2024



Celebration of Important days

- 1 National Voters days was celebrated on 25-01-2024
- 2 World Veterinary day was celebrated on 27-04-2024
- 3 World milk day was celebrated on 01-06-2024
- 4 Birth anniversary of P.V.Narsimha Rao, former PM of India on 28-06-2024
- 5 World Zoonosis Day was celebrated on 06-07-2024
- 6 National Fisheries day was celebrated on 10-07-2024
- 7 96th ICAR foundation day was celebrated on 16-07-2024
- 8 Prof Jayashankar jayanthi was celebrated on 06-08-2024
- 9 Plant4 mother -A Global Campaign on 22nd & 29th August 2024

Extension activities

S.No	Name of the Activity	Number
1	Diagnostic visits :	25
2	Group Discussions :	13
3	Method Demonstrations :	19
4	TV Programmes :	15
5	Radio programmes :	08
6	Popular articles :	32
7	Press Notes :	95
8	Research papers :	01
9	Extension Literature :	06

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