

13th Scientific Advisory Committee meeting of Krishi Vigyan Kendra, Kalikiri held on 07.02.2025

- 13th Scientific Advisory Committee (SAC) meeting of Krishi Vigyan Kendra, Kalikiri, Annamayya district was conducted on 07.02.2025 at KVK, Kalikiri to review the work done during the year 2024-25 and finalization of Technical Programme & Action Plan for the year 2025-26. The session was chaired by Dr. V. Sumathi, Associate Director of Research, RARS, Tirupati. Dr. Shaik. N. Meera, Director, ATARI Zone - X, Hyderabad was attended as the chief guest and Dr. G. Sivanarayana, Director of Extension, ANGRAU, Lam, Guntur was attended as guest of honour for the programme.
- The programme was started with visit of officials, SAC members and Farmers to instructional farm and demonstration units of KVK, Kalikiri under the supervision of Dr. K. Manjula, Programme Coordinator.
- Inaugural session was started with welcoming of SAC members and other officials from Agriculture, Horticulture and Line departments by Dr. K. Madhuri, SMS (Extension).
- Dr. V. Sumathi, Associate Director of Research, RARS, Tirupati inaugurated the meeting and emphasized the importance of identifying field problems to formulate technical programme of work and dissemination of technology to farmers.
- Dr. G. Sivanarayana, Director of Extension, ANGRAU, Lam, Guntur suggested to create awareness on horsegram harvesting technologies, introduce grafting techniques in vegetable crops and also suggested to channelize the supply of coconut seedlings through KVK.
- Dr. Shaik. N. Meera, Director, ATARI Zone X, Hyderabad has addressed the impactful interventions of KVK during previous years and suggested to conduct more skilful training programmes on livestock feed formulation, fodder seed

production and to publicize the adoptable technologies from flowering to harvesting in Mango through FPOs.

- On this occasion, a booklet on “Kaalushya rahita vyavasya paddathullu” was released by the officials.
- Dr. K. Manjula, Programme Coordinator has presented the overall work done report for 2024-25.
- The Subject Matter Specialists, Sri. S. Somashekhar babu (crop production), Dr. Y Peeru saheb (Plant protection), Dr. A. Sreivasulu (Horticulture), Dr. K. Madhuri (Extension), and Dr. K. Naveena (Veterinary) presented the department-wise work done reports of 2024-25 and Action Plan for 2025 -26.
- From the presentations, the major problems are identified viz., Prolonged drought for rainfed crops, Wild boars, Monkeys, Labour scarcity, BPH in Paddy, Root rots in Groundnut, Hopper and thrips in Mango, Blights and Pinworm in Tomato etc. and it was also derived that major groundnut area is covered with contingent crop Horsegram (around 36000 ha. In the district) and some more rainfed groundnut area is being converting to horticultural crops with efficient utilization of micro irrigation systems. On these, discussions among Scientists and Interaction with farmers was done.

The Following suggestions were given by the Director, ATARI Zone X, Hyderabad (Dr. Shaik. N. Meera)

- The database on “diagnostic field visits” made from the inception of KVK, Kalikiri is to be formulated and used for the forecasting of pests, diseases and other problems.
- Production of seedlings of Tomato, grafted Tomato and other popular vegetable crops in Annamayya district.
- Development of entrepreneurs in Backyard poultry farming.
- Fodder seed production under PPP model.
- To conduct at least two impactful interventions from KVK, Kalikiri.

- To conduct impactful interventions in horsegram.
- To propose a project for “Implementation of AI with SSS (sex sorted semen) in 1000 animals in Annamayya district”.
- Suggested to increase the number of adopted farmers for 10 cent fodder plot with necessary modifications, conduct at least one animal health camp every month in the adopted villages and implementation of Embryo Transfer technology in dairy cows in Annamayya district.
- To submit proposals on estimations required for Vermicompost unit expansion, to renovate farm pond as fish pond, to establish Bio resource centre under natural faming and other budget required for other repair works in KVK.
- To introduce cultivation of horticultural crops like Sweet potato, Soapnut, Avacado in Annamayya district.
- To prepare the database on “Effect of different sowing windows in Groundnut” and suggest the best sowing window for groundnut in Annamayya district.
- Suggested to provide a Comprehensive solution for diseases and pests in coconut.
- Suggested to increase the area under solar fence trial for wild boar management to 10 ha. and to include TNAU wild boar repellent as one of the technology options.

Dr. G. Sivanarayana, Director of Extension, ANGRAU, Lam, Guntur has made following remarks;

- To establish coconut nursery and to start grafting technology in Tomato
- Create awareness on Horsegram harvesting technology and machineries available.
- Suggested to maintain the record of NPK content of Vermicompost produced at KVK, Kalikiri.
- Suggested to create awareness on use of biopesticides, bio stimulants, biologicals in horticultural crops.
- Suggested to prepare mango profiling from flowering to harvesting.
- Suggested to conduct training programme on Biochar on agricultural waste.

- Suggested to include reasons for not adopting the natural farming practices by the farmers and also to shoot a video on this.
- Suggested to conduct a study on “Impact of KVK interventions in adopted villages”.

Dr.V. Sumathi, Associate Director of Research, RARS, Tirupati has made following remarks;

- To establish mango fruit cover production unit with brand name of KVK, Kalikiri.
- To establish livestock mineral mixture plant to produce Area specific mineral mixture for Annamayya district.

Dr. K. Gunashekhara pillai, District Animal Husbandry officer and Sri T. Sukumar Reddy, Horticulture officer, representative from District Horticultural officer of Annamayya Dist were also attended and suggestions were given for the technical programme. Scientists from RARS, Tirupati and ARS, Perumalapalle; Dr. K. Devaki, Principal Scientist (Entomology), Dr. Maheswara Reddy, Senior Scientist (Agronomy), and Dr. B. Vajantha, Senior scientist (Soil science) were attended as experts and participated in interaction. Twenty Progressive farmers were attended and participated as SAC representatives..







