

ICAR- Krishi Vigyan Kendra, Wokha

(Agriculture Science Centre)

	Dr. Sandeep Deshmukh Senior Scientist-cum- Head Email: sandeep.deshmukh@icar.gov.in Phone: +91-9309879737	The ICAR-Krishi Vigyan Kendra, Wokha was established in October 2006, operating under the administrative control of 'ICAR Research Complex for NEH Region, Umiam' Meghalaya. It falls under the umbrella of ICAR-Agriculture Technology Application Research Institute (ATARI)- Zone VII, Umiam Meghalaya. Located 15 kilometres from Wokha town, KVK serves as a knowledge and resource centre at district. Its core goals involve fostering agricultural innovations, disseminating agricultural technologies, & enhancing overall agricultural landscape.
Vision	Science and technology-led growth leading to enhanced productivity, profitability, and sustainability of agriculture	
Mission	Farmer-centric growth in agriculture and allied sectors through application of appropriate technologies in specific agro-ecosystem perspective.	
Mandate	Technology Assessment and Demonstration for its Application and Capacity Development (TADA-CD)	
Activities	❖ On-Farm Testing (OFT) to assess the location specificity of agricultural technologies under micro-farming situation. ❖ Out scaling of farm innovations through Front Line Demonstration (FLD) to showcase the worth of technologies on farmers' fields. ❖ Capacity development of farmers and extension personnel to update their knowledge and skills in agricultural technologies & enterprises. ❖ Work as Knowledge and Resource Centre for improving overall agricultural economy in the operational area. ❖ Conduct frontline extension programmes and provide farm advisories using ICT and other media. ❖ Data documentation, characterization, and strategic planning of farming practices.	
Thrust Areas	❖ Varietal/Breed Evaluation ❖ Crop diversification and Integrated Farming System (IFS) ❖ Indigenous Technology Knowledge (ITKs) ❖ Drudgery reduction & mechanization ❖ Climate-resilient agriculture ❖ Nutri-sensitive agriculture ❖ Secondary agriculture ❖ High-value Horticulture ❖ Livestock Management ❖ Natural Resource Management ❖ Empowering Social Capital ❖ Convergence and collaborations	
Infrastructure facilities	❖ Administrative building ❖ Farmers Hostel ❖ Staff quarters ❖ Pig-cum-Fish IFS Model ❖ Fish-cum-Duck IFS Unit ❖ Piggery Demonstration Unit ❖ Poultry Demonstration Unit	

	❖ Mushroom Demonstration Unit ❖ Water Harvesting Structures ❖ Polyhouse
Achievements	
Externally Funded Projects	❖ Attracting and Retaining Youths in Agriculture (ARYA) funded by ICAR since 2016 ❖ Nutri-Sensitive Agricultural Resources and Innovation (NARI) funded by ICAR ❖ Knowledge Systems and Homestead Agriculture Management in Tribal Areas (KSHAMTA) funded by ICAR
Services Offered	❖ Extension and Advisory Services ❖ Supply of critical inputs viz., Seed, Seedlings, Planting material, Animal Breeds etc. ❖ Training to farmers, farm women, rural youths & extension personnel ❖ Demonstrations of improved technologies on farmers' field ❖ Farm Publications
Research Publication	❖ Sandeep Deshmukh, Pandurang Jadhav, Pramod Sawant and Vijay Thorat (2023). Climatic vulnerability, adoption of climate-resilient technologies, and its socioeconomic-institutional-agroecological determinants. <i>Climate Services</i>, 32 (2023) 100414 DOI: https://doi.org/10.1016/j.cliser.2023.100414 ❖ S. Moirangthem, S. K. Laskar, A. Das¹, S. Upadhyay, R. A. Hazarika, J. D. Mahanta, and H. M. Sangtam (2022). Effect of incorporation of soy protein isolate and inulin on quality characteristics and shelf-life of low-fat duck meat sausages. <i>Animal Bioscience</i>, 00:1-8 DOI: https://doi.org/10.5713/ab.21.0530 ❖ Sandeep Deshmukh and Monica Singh (2020). Micro financial perspectives of self-help groups from disadvantaged districts of Maharashtra. <i>Indian Journal of Economics and Development</i>, 16 (2), 247-255. DOI: https://doi.org/10.35716/IJED/18110 ❖ Mahak Singh, R Talimoa Mollier, Romen Sharma, S K Baishya, Moaakum Sangtam and D J Rajkhowa (2020). Growth and reproductive performance of Rani breed of pig in various agro-climatic condition of Nagaland. <i>Indian Journal of Animal Sciences</i>, 90 (12): 1644–1648. DOI: https://doi.org/10.56093/ijans.v90i12.113204 ❖ SK Baishya, HM Sangtam, BL Mhalo Tungoe, M. Meyase, Zuchamo Tungoe, BC Deka, Lk Baishya, DJ Rajkhowa, and S. Ray (2018). Empowering rural youth through agriprunership –evidence from a case study in North East India. <i>Current Science</i>, Vol. 120, No. 12: 1854-1862 DOI: 10.18520/cs/v120/i12/1854-1862
Other Publications	❖ Sandeep Deshmukh and Monica Singh (2022). Self-help Groups and Sustainable Rural Livelihood Security. <i>Lap Lambert Academic Publishing</i>, ISBN: 978-620-5-51410-8 ❖ M. Meyase, BL. Tungoe, T. Ezung, B. Imsong & HM Sangtam (2021). Training manual on Floriculturist-Protected cultivation. Published by KVK Wokha ICAR Complex for NEH Region. Nagaland Centre, Jharnapani

	❖ Moaakum Sangtam, Zuchamo Tongoe, Santosh Kumar Baishya, D.J. Rajkhowa (2021). Training manual on Small Poultry Farming. Published by KVK Wokha ICAR Complex for NEH Region. Nagaland Centre, Jharnapani ❖ SK Baishya, HM Sangtam, BL Mhalo Tongoe, M. Meyase, Zuchamo Tongoe, BC Deka, Lk Baishya, DJ Rajkhowa, and A. K Singha (2019). Success Stories of Tribal Youth under ARYA. Published by KVK Wokha ICAR Complex for NEH Region. Nagaland Centre, Jharnapani
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