

Training-cum-Workshop of Animal Science Experts from KVKs organized at Dau Shri Vasudev Chandrakar Kamdhenu University, Durg

Training-cum-Workshop of animal science experts from KVKs was organized at Dau Shri Vasudev Chandrakar Kamdhenu University, Durg, Chhattisgarh during July 1-2, 2024. The workshop was inaugurated by the Chief Guest, Dr. R.R.B. Singh, Vice-Chancellor of Kamdhenu University, Durg. In his opening address, Dr. Singh underscored the importance of equipping livestock farmers with advanced techniques in breed improvement and health management. He highlighted the significant potential for women's empowerment through group initiatives in animal husbandry, urging participants to introduce innovative practices to local livestock farmers to stimulate interest and activity in this sector. Dr. S.R.K. Singh, Director of ICAR-ATARI highlighted the importance of promoting proven technologies on farmers' fields through KVKs based on district-specific requirements. He emphasized that this approach would yield greater economic benefits for livestock keepers. Dr. Singh encouraged the experts to ensure that scientific animal husbandry practices and new techniques reach the grassroots level benefiting local farmers.



Dr. R.R.B. Singh, Vice-Chancellor, DSVCKV Durg addressing the participants

Dr. Sanjay Shakya, Director Extension Education Services, DSVCKV Durg emphasized the necessity of adopting scientific methods for the nutritional management of high-quality animals. He pointed out that this approach could reduce the costs associated with dairy animal husbandry. Given the high number of small and marginal farmers in the state, Dr. Shakya stressed the importance of strengthening the rural economy through sustainable animal husbandry practices. In his speech, Dr. Ajay Verma, Director Extension Services at IGKV, Raipur called upon animal experts to disseminate their technical and practical knowledge to farmers and livestock keepers. He noted the pivotal role that animal scientists play in the economic advancement of farmers. Dr. Verma also stressed the need for research and knowledge dissemination tailored to the specific needs of livestock keepers in both plains and hilly regions. Dr A. A. Raut, Scientist at ICAR-ATARI, Jabalpur urged participants to focus upon providing entrepreneurship opportunities to rural youths through dairying, poultry and other animal husbandry activities to empower them economically and socially.



Director Extension Services, DSVCKV Durg interacting with participants

The two-day Training-cum-Workshop had participation of Animal Science specialists from KVKs in Chhattisgarh and Madhya Pradesh who presented the progress and achievements under field trials, frontline demonstrations and other initiatives conducted in their respective districts. They also presented the action plan for the forthcoming year. The experts from DSVCKV Durg provided suggestion and feedback on their activities and action plan.

The training sessions at the workshop encompassed a comprehensive range of technical topics related to animal and poultry husbandry aimed at enhancing the knowledge and skills of the participants. One of the key sessions was led by Dr. M.K. Gendle, Professor and Head of the Department of Animal Nutrition at the College of Veterinary Science and Animal Husbandry, Durg. Dr. Gendle focused on "Transferable Feed Technologies for Remunerative Dairy Farming," emphasizing the importance of adopting advanced feed technologies to boost the profitability of dairy farming. He delved into various innovative feeding strategies that can enhance milk production and improve the overall health and productivity of livestock, highlighting the benefits of precision feeding, nutritionally balanced feed and the use of feed additives and supplements.

Dr. Dharendra Bhonsle, Professor and Head of Livestock Production Management at the College of Veterinary Science and Animal Husbandry, Durg conducted an insightful session on "Scientific Management Practices for Improving Goat Production." He highlighted key management practices that can significantly enhance the productivity and profitability of goat farming. Dr. Bhonsle's session covered topics such as selective breeding, proper housing, disease prevention and nutrition management. He also stressed the importance of record-keeping and performance monitoring in achieving sustainable goat production.

In another session, Dr. S.K. Maiti, Director of Clinics at DSVCKV and Professor and Head of the Department of TVCC at the College of Veterinary Science and Animal Husbandry, Durg discussed on "Approaches for Improving Animal Health through Extension Workers." Dr. Maiti

emphasized the pivotal role of extension workers in disseminating veterinary knowledge and practices to farmers. He outlined effective strategies for training extension workers in disease diagnosis, treatment and preventive healthcare. His session also covered the use of technology in animal health monitoring and the significance of building strong farmer-extension worker relationships.

Dr. O.P. Dinani, Assistant Professor and Head of Poultry Science at the College of Veterinary Science and Animal Husbandry, Durg led an informative session on "Scientific Approaches for Improving Small Scale Poultry Farming." He discussed the latest advancements in poultry nutrition, housing and health management. Dr. Dinani provided practical tips for improving feed efficiency, disease prevention and biosecurity measures in poultry farms. His session also included an economic analysis of small-scale poultry farming and strategies for maximizing profitability.

These sessions provided participants with valuable knowledge and practical skills that they could implement in their respective regions. The experts shared case studies, research findings and success stories to illustrate the impact of scientific approaches in animal and poultry husbandry. The interactive nature of the sessions encouraged active participation and facilitated the exchange.

In addition to the training sessions, the participants also had the opportunity to visit the various demonstration units at the University. These units included the dairy farm, poultry unit, goat unit, piggery unit and fodder demonstration. The visit to the dairy farm provided participants with firsthand experience in scientific dairy farming practices. They observed the implementation of balanced feeding. The farm showcased effective health management practices and breeding techniques that contribute to higher milk yield and better animal welfare.



Visit at Rabbit Unit



Visit at Poultry Unit



Visit at Goat Unit



Visit at Dairy Unit

At the poultry unit, participants witnessed the application of the scientific approaches in poultry farming. They observed the modern housing facilities designed to optimize poultry health and productivity. The unit demonstrated efficient feed management practices and biosecurity measures to prevent disease outbreaks. This visit reinforced the theoretical knowledge shared during the training providing practical insights into enhancing small-scale poultry farming. At goat unit participants observed Osmanabagi goat management under semi-intensive system. Lastly, the fodder demonstration plots provided practical knowledge on cultivating high-quality fodder essential for the nutrition of various livestock. Dr. Vikas Khune, Head of KVK Durg briefed about the different types of fodder crops and their relative advantage in year-round fodder production plan. This visit reinforced the importance of sustainable fodder production in supporting efficient and cost-effective animal husbandry.

These visits to the different units enriched the participants' learning experience by providing practical applications of the theoretical concepts covered during the training sessions. The hands-on exposure to scientific livestock production and animal husbandry practices and technologies aimed to equip the participants with the skills and knowledge needed to implement these practices in their respective regions ultimately contributing to the advancement of animal husbandry in Chhattisgarh and Madhya Pradesh. The workshop concluded with the valedictory session with distribution of the certificates to the participants. Dr. A.A. Raut, Scientist at ICAR-ATARI, Jabalpur and Dr. Vikas Khune, Head of KVK Durg coordinated the organization of the programme in collaboration with scientist and staff of KVK, Anjora, Durg.

