

Training on ‘Instrumentation, Technologies and Application of Sensors in Animal Husbandry Mechanization’ Organized at ICAR-CIAE Bhopal

Coordinating Unit of AICRP on Increased Utilization of Animal Energy organised three-days training on **“Instrumentation, technologies and application of sensors in animal husbandry mechanization”** at ICAR-CIAE Bhopal during December 18-20, 2023. The training was attended by 14 participants from the cooperating centres of AICRPs located at IGKV Raipur, GBPUAT Pantnagar, MPUAT Udaipur, ICAR-NRCE Bikaner, ICAR-CIAE Bhopal, UAS Raichur, OUAT Bhubaneswar and VNMAU Parbhani. Dr K H Singh, Director ICAR-IISR Indore was the chief guest in inauguration programme of the training on 18 Dec., 2023 and Dr C R Mehta, Director, ICAR-CIAE presided the program. The importance of training in the scientific line was highlighted by the chief guest. Dr C R Mehta informed the participants about the current need of this training for them under revised mandate of the AICRP on Animal Husbandry Mechanization.



Thirteen lectures were delivered to the participants on topics such as Recent advances in Animal Husbandry Mechanization, Advance farm machinery in India, Measurement of draft performance parameters in field, Application of sensors and automation in farm mechanization, Use of robotics in Animal Husbandry Mechanization, Image processing techniques for disease identifications in animals, Sensor technology: A solution in agriculture, Unmanned ground vehicles for various agricultural operations, Sensor used in animal husbandry, Sensors and actuators for automation in Animal Husbandry Mechanization, Load distribution measurement through sensors, Sensor and actuators use for controlling environment and Presentation technique. Participants were also exposed about latest technologies.



The valedictory session of the training program was held under the chairmanship of Dr C R Mehta, Director of the Institute on 20 Dec., 2023. Dr S P Singh, Project Coordinator coordinated the training program and presented the proceedings of the training. Participants gave their feedback and assured to use learning from this training in their proposed research projects. Dr C R Mehta reiterated to the participants for concentrating their future work under the project towards use of modern gadgets and sensors.