

ICAR-IVRI, Izatnagar organized “Hands on Training on Antimicrobial Resistance Testing” at Division of Bacteriology and Mycology during 6-12 November, 2024

ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar, successfully organized a "Hands-on Training on Antimicrobial Resistance (AMR) Testing" during 6-12 November, 2024. Sponsored by the Animal Husbandry Department, Government of Andhra Pradesh, the programme was jointly conducted by the Joint Directorate of Extension Education and the Division of Bacteriology and Mycology, ICAR-IVRI. Aimed at enhancing the knowledge and skills of veterinary professionals in detecting antimicrobial resistance (AMR) pathogens, the training addressed a critical issue impacting veterinary and public health.

The inauguration ceremony was held on 6 November, 2024 at the ATIC Committee Room, ICAR-IVRI, in the presence of distinguished dignitaries, including Dr. Rupasi Tiwari, Joint Director (Extension Education) and Course Director; Dr. P. Dandapat, Head, Bacteriology & Mycology Division and Course Director; Dr. Abhishek and Dr. P. Thomas, Senior Scientists and Course Coordinators. Officials from the B&M Division and Joint Directorate of Extension Education, including Dr. Sonu S. Nair, Dr. Athira V, and Mr.



Omveer Singh, also participated. In her inaugural address, Dr. Tiwari commended the relevance of the training and encouraged participants to benefit from the expertise of ICAR-IVRI's experienced faculty. Dr. Dandapat emphasized the importance of capacity building in tackling AMR and its growing impact on veterinary and public health.

The training was coordinated by Dr. Abhishek and Dr. P. Thomas, Senior Scientists, B&M Division with significant contributions from Dr. Sonu S. Nair, Dr. Athira V, STOs from B&M Division and Mr. Omveer Singh, ACTO, Joint Directorate (EE) ensuring the smooth execution of the sessions.

The seven-days training included 15 theory lectures delivered by in-house and external experts and 12 practical sessions focused on conventional and advanced AMR detection techniques. A total of 12 veterinary professionals, including 3 Assistant Directors and 9 Veterinary Assistant Surgeons from Andhra Pradesh, participated in the programme. The hands-on sessions

provided practical exposure to detecting AMR pathogens, including bacteria and fungi, using traditional and cutting-edge methodologies.

The valedictory session was held on 12 November, 2024, graced by the esteemed presence of Dr. Triveni Dutt, Director of ICAR-IVRI, as the Chief Guest. In his inspiring address, Dr. Dutt highlighted the pivotal role of AMR diagnostics in contemporary veterinary practice and urged the participants to diligently implement the advanced AMR testing techniques acquired during the training in state diagnostic laboratories. He further emphasized the critical importance of fostering strong collaboration between premier research institutes like ICAR-IVRI and field diagnostic centers to effectively combat the growing challenge of AMR. Dr. Rupasi Tiwari, Joint Director (EE) expressed her gratitude to the participants for their active involvement and to the faculty for their efforts in making the training a success. She emphasized the importance of applying the knowledge gained during the programme to address the challenges of antimicrobial resistance and highlighted ICAR-IVRI's commitment to supporting such initiatives. Dr. Dandapat highlighted the importance of the training in addressing AMR and appreciated the participants' enthusiasm. He noted the positive feedback and emphasized the value of the practical and theoretical sessions in enhancing diagnostic skills.



The event concluded with the distribution of certificates by Director, ICAR-IVRI marking the successful completion of the programme. The initiative demonstrated ICAR-IVRI's commitment to addressing the challenges of AMR and building capacity among veterinary professionals to improve diagnostic and therapeutic practices.

