

INTERNATIONAL TRAINING PROGRAMME INAUGURATED AT ICAR-CIAE BHOPAL

ICAR-CIAE, Bhopal is organizing an international training programme on “Use of Modern Water Control Techniques and Technologies” during January 01-30, 2025 to Rwanda Government officials. The broad objective of this training programme is to share improved water management technologies developed by CIAE and other organizations for upskilling and sensitization of the participants in the field precision irrigation. The broader area of training shall encompass traditional irrigation, micro irrigation, design and operation, automation, use of AI and IOT in water management etc. The training programme was inaugurated by Dr K K Shukla, Director, Maulana Azad National Institute of Technology (MANIT), Bhopal as Chief Guest on January 01, 2025 in the presence of Dr. KP Singh, Asst. Director General(FE) ICAR, New Delhi (online). The training program is sponsored by Rwanda Agriculture Board and being organized in collaboration with WAPCOS Ltd. New Delhi. A total of **10 officials** working in different job roles in Government of Rwanda are participating in this one-month duration training.

Dr KP Singh, ADG (FE) highlighted benefits of organizing this training and requested the participants to interact more for enhancing their knowledge base that can be implemented after the training. He also appreciated initiative of Government of Rwanda for such field based training for the irrigation engineers.

Dr KK Shukla, Director MANIT emphasized importance of water with reference to bhagvatgita. Irrigation water management is vital for optimizing water use, enhancing crop yields, and ensuring sustainability. Technologies such as soil moisture sensors, satellite data, IoT and drones based imaging can be effectively used for addressing spatial and temporal irrigation management for optimal utilization and maximising yield.

Dr CR Mehta, Director ICAR-CIAE briefed about different activities and research areas of the institute. He also highlighted frontier research areas in water management and precision agriculture being conducted at the institute. Dr KV Ramana Rao, Head IDED and Course Director explained the genesis of the training program and assured more practical oriented and field based training outline along with number of exposure visits to industry, testing facilities and progressive farmers field.

Dr YA Rajwade, Scientist and Course Co-Director moderated the event and proposed vote of thanks.

