



# Training Report

<b>Name of Training:</b>	Residential training programme on “Scientific Pig Farming and Artificial Insemination”	
<b>Sponsored by:</b>	Schedule Caste Sub Plan	
<b>Date:</b>	February 24-26, 2025	
<b>Venue:</b>	ICAR-NRC on Pig, Rani, Guwahati, Assam	
<b>Organized by:</b>	ICAR-National Research Centre on Pig, Rani, Guwahati, Assam	

Course Director:	Dr. Vivek Kumar Gupta	Director, ICAR-NRC on Pig
Course Coordinators:	Dr. Juwar Doley	Sr. Scientist, ICAR-NRC on Pig
	Dr. Seema Rani Pegu	Sr. Scientist, ICAR-NRC on Pig
	Dr. Kalyan De	Sr. Scientist, ICAR-NRC on Pig
	Dr. Salam Jayachitra Devi	Scientist, ICAR-NRC on Pig

A three-day residential training program on "Scientific Pig Farming and Artificial Insemination" was successfully conducted at ICAR-National Research Centre on Pig, Rani, Guwahati, from February 24-26, 2025. This program was organized under the Scheduled Caste Sub Plan Scheme to equip Scheduled Caste pig farmers with scientific knowledge and practical skills in pig farming. The course was directed by Dr. V.K. Gupta, Director, ICAR-NRC on Pig, with Dr. Juwar Doley, Dr. Seema Rani Pegu, Dr. Kalyan De and Dr. S. Jayachitra Devi serving as course coordinators. A total of 25 trainees, including two from Assam and 23 from Manipur, actively participated in the training. Among them, five were women, reflecting increased female participation in scientific pig farming practices.

The training curriculum was designed to cover a wide range of topics essential for scientific pig farming. Key areas included pig breed identification and selection, breeding strategies, inbreeding control, reproductive management, artificial insemination techniques, nutritional requirements for different pig categories, and physiological management under extreme climatic conditions. Additionally, sessions focused on shelter management, disease prevention, biosecurity measures, record-keeping, and hygienic pork processing. Farmers were also introduced to Information and Communication Technology (ICT) tools, along with knowledge about Self-Help Groups (SHGs), Farmer Producer Organizations (FPOs), financial credit facilities, and marketing strategies. A highlight of the training was the hands-on practical sessions, where farmers were trained in routine farm operations such as drug administration, deworming, vaccination schedules, and iron injection procedures. Practical demonstrations also covered artificial insemination techniques, collection and transportation of biological samples for testing, hygienic slaughter practices, and pork processing. Additionally, participants visited the institute's breed repository facility to gain insights into

genetic resource management in pig farming. Experts from the institute conducted interactive lectures, sharing their knowledge and experiences to enhance the trainees' understanding of scientific pig farming techniques.

The program concluded with a valedictory session on February 26, 2025, at 4:30 PM, presided over by Dr. Rafiqul Islam, Principal Scientist and Training Cell In-Charge, ICAR-NRC on Pig. Addressing the trainees, he emphasized the importance of adopting scientific pig production practices to enhance farm productivity and profitability. The event was attended by Dr. Juwar Doley, Dr. Seema Rani Pegu, Dr. Kalyan De, Dr. S. Jayachitra Devi, and other distinguished scientists from the institute. Participants appreciated the comprehensive nature of the training, noting that the knowledge gained would significantly improve their farm management efficiency and help reduce disease incidences. As a token of recognition, certificates of completion and training kits were distributed to all participants by Dr. Rafiqul Islam. He encouraged the farmers to implement their newly acquired expertise, contributing to the growth and sustainability of the piggery sector.

## **Glimpses of the Training Programme**



