

Eastern Regional Station, ICAR-IVRI, Kolkata Organised a Training Programme on “Modern methods of pig farming for entrepreneurship development”

A 3 days training programme on “**Modern methods of pig farming for entrepreneurship development**” was organized by Eastern Regional Station, ICAR-IVRI, Kolkata from 8-10th July 2025 under AICRP on Pig. A total of 21 trainees (Male 17 and Female 4), mostly educated unemployed youths, progressive farmers from different districts of West Bengal attended the training. The main focus of the programme was to impart knowledge on breeding, feeding, housing, health care management, reproduction, disease and stress management, value chain and cluster formation, meat processing for value addition, integrated pig



farming as well as funding agencies supporting animal farming besides intensive hands-on practical exposure in the animal farm. The inaugural programme was started with address by Dr Sadhan Bag, Course Coordinator and Co-PI of AICRP on Pig who welcomed all the participants and other staff including scientist colleagues present in the hall. Thereafter, Dr S Naskar, PI of the AICRP on Pigs described about the theme of the training programme as well as course content of the programme. Dr D Mondal and B Mondal, course Co-Cordinators also briefed the participants about the importance of the scientific training and entrepreneurship development through piggery husbandry. Dr. Arnab Sen, HORC, ERS, ICAR-IVRI briefed about ICAR-IVRI and especially ERS, ICAR-IVRI, Kolkata centre on various scientific and extension programme conducted for the welfare of the rural farmers and entrepreneurs.



In his inaugural lecture, Dr T K Biswas appraised the participants on breeds and breeding of pig for better productivity and discussed on selection of elite breeding stock, avoidance of inbreeding, importance of pedigree records and the physical attributes of elite animals. Dr Naskar detailed out the importance



of pig rearing, how to start a farm, housing, day to day care, management of various age group of pigs and routine farm management etc. Dr. D. Mondal, Principal Scientist elaborated on “Different diseases of pigs and their treatment” including their prevention and control. He also talked



about proper disease management, maintenance of hygiene in animal farm. Dr Mondal also discussed on “Zoonotic Diseases in pig and their Control”. He also talked about the routine practice of hygiene and sanitation in a farm. Dr G K Das, PS discussed about pig reproduction, various issues of reproductive problems and how to minimize the incidences. During his interaction, he highlighted infertility problems, abortion and stillbirth, retention of placenta, prolapsed, dystocia etc. Dr Bag delivered a lecture about the impact of heat stress on animal production and the measures to be taken to prevent the stress in animals. He also narrated about various advanced reproductive technologies which can be adopted in enhancing porcine production.



Dr B Mondal, PS talked about viral diseases in pig and their vaccination schedule. During the



discussion, he elaborately discussed the signs and symptoms of important viral and bacterial diseases like ASF, brucellosis, anthrax, haemorrhagic septicemia, metabolic and other diseases. Dr Mondal appraised the trainees on bio-safety issues in pig farming and stressed upon the need to follow vaccination schedule to prevent major killer diseases and sufferings often associated with animals.

Dr Samiran Bandoyapadhyay, PS elaborated on “Piglet diarrhoea” and its management. He also highlighted the issue of prudent use of antibiotics resulting in development of antimicrobial resistance (AMR) and the way forward to cope up with this. Dr. S Ghosh, Scientist Emeritus appraised about the importance of deworming, diagnosis and control of ecto and gastrointestinal parasitic diseases. Dr A K Das Principal Scientist discussed on “Hygienic pork processing technology ” as



an avenue to enhance farmers’ income in an elaborative way. During his deliberation, he stressed upon the outcomes of value chain in terms of its contribution to house-hold income, well-being and employment generating



opportunities. Dr Arnab Sen, HORB talked about value chain on piggery with emphasis on cluster formation, economic benefits of processing of pig meat at farmer’s door step, formulation of low cost pig feed and overall marketing prospects. Dr Sen also highlighted the recently developed medicine hub at farmer’s door which has been a new concept developed by ERS, ICAR-IVRI for mitigating the problem of getting medicines quickly by the farmers.



On the 3rd day of the training programme, all the trainees were taken to Kalyani Farm and



Trainees were given hands-on practical exposure on handling, care and management of new born piglets, pregnant sow, breeding boars, method of castration, dispensing medicine, tagging method, and data recording by Dr. Naskar, Dr S Bag, Dr G K Das and Dr. D Mondal. On the occasion of valedictory function, participants provided their

feedback and expressed their great satisfaction on the design of the course, lectures delivered to them and especially hands on training on farm, and



various other hospitality provided to them.

On their concluding remarks, Dr Naskar, highlighted the importance of the training and



encouraged the participants to apply the knowledge gained for their economic upliftment and spreading the knowledge to their fellow

farmers which was followed by distribution of certificates of training to the participants. The training was concluded by presentation of vote of thanks by Dr S Bag.