Seminar on Detection and Prediction of

EMERGING DISEASES IN POULTRY

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Introduction:

Welcome to our seminar on "Detection and Prediction of Emerging Diseases in Poultry." Poultry farming plays a crucial role in ensuring food security and economic stability worldwide. However, the industry faces significant challenges due to the emergence of novel diseases that can devastate flocks and disrupt supply chains. Timely detection and accurate prediction of these emerging diseases are paramount to safeguarding poultry health, ensuring food safety, and maintaining the economic viability of the industry. In this seminar, we will delve into the methodologies, technologies, and strategies aimed at effectively detecting and predicting emerging diseases in poultry.

Aim and Objectives:

The aim of this seminar is to explore the latest advancements in the field of disease surveillance, detection, and prediction in poultry farming, with a specific focus on emerging infectious diseases. Our objectives include:

- Understanding the importance of early detection and prediction in mitigating the impact of emerging diseases on poultry health and industry sustainability.
- Reviewing the current state-of-the-art technologies and methodologies employed in the detection and prediction of emerging diseases in poultry.
- Discussing the role of data analytics, artificial intelligence, and machine learning in developing predictive models for disease outbreaks in poultry.
- Examining the challenges and limitations associated with disease surveillance and prediction in poultry farming, including issues of data availability, accuracy, and interpretation.
- Exploring interdisciplinary approaches involving veterinary medicine, epidemiology, bioinformatics, and agriculture to enhance disease detection and prediction capabilities.
- Identifying strategies for improving biosecurity measures and implementing proactive management practices to prevent and control the spread of emerging diseases in poultry.
- Through this seminar, we aim to foster a deeper understanding of the complexities surrounding the detection and prediction of emerging diseases in poultryand effective strategies for safeguarding poultry health and ensuring sustainable poultry production

Organized by
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