

PROJECT INFORMATION

National Animal Disease Epidemiology Network

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Title of the Project

National Animal Disease Epidemiology Network

Funding Agency

ICAR

Total Outlay

Rs

Duration

continuing since 2021

Single / Multi-Institutional

Multi-Institutional

Lead Centre if Multi-Institutional

ICAR-NIVEDI

Cooperating Centre(s)

ICAR-CCARI

Principal Investigator

Dr. susitha Rajkumar

Co-Investigators

Dr. Shirish D. Narnaware

Rationale

this project is being carried out to identify the livestock disease prevalence in Goa as part of the All India network project

Research Gaps

Lack of regular systematic data on livestock diseases occurring in Goa state

Objectives

To study the livestock disease epidemiology in Goa

Activities

Collection of clinical samples from disease outbreaks, laboratory diagnosis, monthly disease outbreak reporting, phylogenetic study of the isolated pathogens, Sentinel surveillance study of selected diseases of livestock in Goa.

Treatment Details

screening of clinical samples for various bacterial viral pathogens by isolation and molecular techniques, gene sequence analysis for phylogenetic study

Replications

required number of samples collected from postmortem cases or live animals

Observations to be Recorded

pathogens prevalent, No. of animals affected, number at risk, no of deaths,

GPS Coordinates of Field (Lat , Long)

of the sites of disease outbreak

Expected Output

data on disease outbreaks, no of animals affected, no of death, genetic data of pathogens

Expected Outcome

disease prevalence information for disease preventive measures in the future

Common pests and diseases

FMD, PPR, haemoprotozoan diseases, Newcastle disease, LSD, African Swine Fever