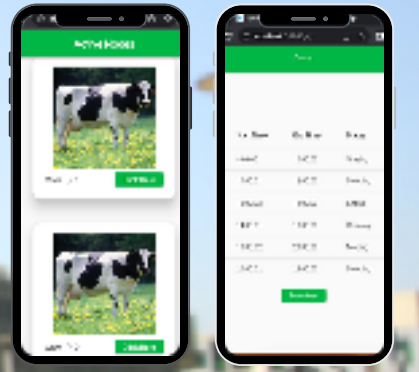
MOOSENSEv1.0 (LIVESTOCK TRACKER)

Our system detects peak fertility and animal health by bringing revolutionary BLE based wearable technology to the farms. MOOSENSE is changing the face of the dairy industry by utilising wearable IoT sensors and AI based big data analytics to make health and reproductive monitoring better at an affordable price.

- *Easy phone APP interface for farmers.*
- *A 24x7 working system.*



Wearable NODE

- *Node fitted with Nylon belt for handling wear and tear.*
- *Data Can be fetched easily from 50 meters*
- *Long battery Life*

Gateway

Gateway is Easy to install and it has Fast connectivity through 4G module to upload data on Cloud.

AWaDH

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DEPARTMENT OF SCIENCE & TECHNOLOGY

How MOOSENSEV1.0 works

- The Node Send the data to the Gateway on regular intervals.
- Gateway Capture the data and Upload to the AWS Cloud. Which can be accessed on Mobile APP and AWS.

DISEASES DETECTED BY OUR SYSTEM

Mastitis

Mastitis can cause discomfort and pain in cows, leading to changes in their behaviour.

Heat Stress Detection

Increased respiration rate and reduced activity we are identifying when cows are experiencing heat stress.

Estrus

Detecting heat (estrus) in cows is crucial for successful breeding and optimizing dairy production.

A glance of benefits

- Improved reproduction results.
- Improved farm management.
- Saving on medical treatment costs by detecting at early stages.
- Animal friendly.
- proven technology.
- Better cow health and a more productive and sustainable herd.

Lying & Resting Behaviour

Individual health management for early detection of health issues.

Eating, Rumination & Inactive behavior

Eating, Rumination & Inactive behavior
Proactive, individual health management for early detection of health issues and intensive monitoring of transition cows.

multiple users

All team members can have access on same time from multiple devices.

mooofarm