

Pure Scan AI

Founder: Manasa Nagaraju Gonchigar

Focus Area: Precision Agriculture including applications of Sensors, WSN, ICT, AI, IoT & Drones

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Foundation Year: 2019

Location: Tamil Nadu



PROBLEM STATEMENT

Humans are becoming more prone to cancer, diabetes and heart diseases. This is due to the lack of know-who of what goes into our food, which today has more chemicals and pesticides.

SOLUTION OFFERED

Pure Scan AI has developed a portable device to detect adulterations, chemicals and toxins in food. The device can detect Aflatoxin which is a cancer-causing agent. Technologies like Artificial intelligence, Machine learning, Cloud computing and Internet of things have been used to develop the device. Through spectroscopic techniques, organic and inorganic compound analysis is taken up and then analyzed for any chemical presence or imbalance of the present compounds.

PRODUCT USP

- Portable and rapid hand-held non-destructive testing device
- Economical, quick and easy to use device

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

The portable device from Pure Scan AI offers significant social impact by safeguarding public health, enabling consumers to make informed choices, and reducing the risk of exposure to harmful substances. Economically, it can streamline food safety processes, potentially lowering healthcare costs associated with foodborne illnesses. Environmentally, it may promote sustainable agriculture practices by incentivizing producers to prioritize toxin-free crops, thus reducing chemical usage and environmental contamination.



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20K+ Farmer
Benefitted



*
10+ Paid
Customers



*
4 Products in
market



*
8+ States
Presence

* as provided by the startup [Data Year 2023-2024]