

SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

RAAV Techlabs Pvt. Ltd.

Founder: Rahul Kumar

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

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Foundation Year: 2017

Location: New Delhi



PROBLEM STATEMENT

Lack of focus on quality and safety standards in the agri sector. No solutions in the industry which are portable, rapid and cost effective. Focus on external appearance for subjective grading and sorting, leading to wastage and losses in the supply chain.

SOLUTION OFFERED

The product NIRspect, is rapid, non invasive quality (oil content, protein, gluten, moisture, etc.) analysis solution for various agricultural commodities like cereals, oil seeds, pulses etc. that infuses AI and spectrophotometry in a portable, miniature scanner.

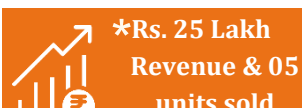


PRODUCT USP

- Portable and non invasive molecular scanner at economical price point
- Resource saving solution for analyses of internal quality within 30 seconds
- Enabling all the stakeholders to make better quality based decisions
- Rapid solution with lab level accuracy and precision

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

Social impact by enabling stakeholders to make informed decisions, improving food quality and safety for consumers. Economically, it will reduce costs and increase efficiency in quality assessment, benefiting farmers, traders, and processors. Environmentally, it minimizes resource usage and waste by providing rapid, accurate analyses, promoting sustainable agricultural practices.



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