





## Technologies deployed at RSVC centres

### Sanitary Pad Incinerator

An eco-friendly, wall-mountable sanitary pad incinerator that burns 5 used pads every 5 minutes at 800°C+ with auto-cut-off for safe, low-emission operation. It produces just 50 mg of ash per pad and meets CPCB emission standards.



## Technologies deployed at RSVC centres

### PMART-M: Portable Meat Production and Retailing facility - Multispecies

- Designed for hygienic production of meat as per Food Safety and Standards Authority of India (FSSAI)
- Environmentally friendly disposal of waste as per Central Pollution Control Board norms
- Low-cost construction materials focus on Affordability, Sustainability and Quality
- A two-operator system separating "clean" and "unclean" tasks to prevent cross-contamination
- Food grade electric stunner for humane and efficient stunning of poultry



**Biowaste Slurry** (Mix of cow dung and urine extracts)

**Effective Goshala Waste Disposal**

**Cost Effective** (Uses Local Raw Material)

**Phytoremediation Based** (Biodynamical Farming)

**QR Code**

**Microbial Carbon Program**

**Visit Us to Learn More! | www.vasukiagro.com | Creating a Sustainable Circular Economy**

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| 107 | 56 |
| 164 | 75 |
| 13  | 13 |
| 23  | 2  |

365, 235, 198

234, 1000, 1200

56, 15, 1

22, 75, 3

Certificate awarded by MoE's Innovation Cell, Government of India

2023-24



RuTAGE ಕಾರ್ಯಕ್ಷೇತ್ರಗಳು

**RuTAGE** SMART VILLAGE CENTER (RSVC)  
Manthan  
रुटैग स्मार्ट विलेज सेंटर

NITTE

up by NitteDU

Department of Biotechnology  
Government of India  
TECHNOLOGY ENABLING

NITTE Technologies deployed at RSVC centres

BHU-VISION: Soil Testing Machine

A portable AI-IT device employing electrochemical sensors and algorithms for multiparameter testing, allowing in-field analysis and any Agri-Job health cards with color specific nutrient values.



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**RSVC set up by NitteDU**

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Department of Science & Tech  
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 Vibrio-02  
 Mangalore Biotech Lab

Engineering and Robotics

SmartBot Robot Kit - AR/VR  
 Smart Robots

Patents Gra

Collaborator

**NITTE Technologies de**

**BHU-VISION**

A portable AI-IoT de  
 colorimetry for autom  
 for soil health c

Tea sampling station with a large water dispenser, several glasses containing tea samples, and a stack of white tea bags.

**ula**

**Private Limited**

**Most Tea Bags NOT What You Think**





