

# **CSIR-Central Electronics Engineering Research Institute**

### PILANI-333031, Rajasthan

(TECHNOLOGIES FOR SOCIETY)

## Handheld meter for detection of adulteration in milk (KSHEER-TESTER)

#### **Targeted System Capabilities:**

The system is capable of detecting adulterants such as urea, salt, detergents, boric acid, caustic soda, Lye (NaOH), soda, hydrogen peroxide and many more unknown adulterates in raw milk.

#### **Targeted System Specifications:**

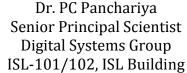
- Handheld meter
- Low cost and Single button operation
- Measurement time: 60 Sec.
- Minimum Detection level:
- Urea:1.5gm/l; Salt: 2gm/l; detergent: 2gm/l; soda: 2gm/l; boric acid and hydrogen peroxide in ppm.

### **Targeted Technology Application Areas:**

- Domestic Uses
- Enforcement agencies

## TechnologyStatus:

The technology of detection of adulteration in milk has been transferred to M/s Alpine Technologies, Surat, Gujarat ( A startup company) (Advance booking)



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