

### 3. Development of Artificial suckling device for piglets to enhance profitability

- i. **Scientists Involved**

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- ii. **Aim**

To provide nutrients to excess piglets to achieve their optimum growth
- iii. **Principle**

Normally 20% of piglets born do not survive up to 3 weeks due to insufficient milk produced by sow. Competition among piglets to access functional teats of sows cause many weak piglets die and increases pre-weaning mortality.
- iv. **Device**

Artificial suckling device is prepared from locally available materials using plastic pipe (10 cm diameter and 1.5 m length). Bottles containing milk are placed inside the pipe while their nipples remain projected, attracting piglets to suckle the milk from the device.
- v. **Advantages:**
  1. Adjustments can be made for easy approach to nipples, milk volume and supplementation of vitamins and minerals as per requirement for growing piglets to achieve optimum growth
  2. Up to 2.2 liters/ year/ sow (against 1.5-2 liters) can obtained using artificial suckling device by weaning piglets on 10<sup>th</sup> day, raising economic return to the farmers.
  3. This LOW INPUT HIGH OUTPUT technology has huge potential for enhancing pig production



**Artificial suckling device for piglets**