

## ENERGY FOOD

### Technology:

Production of energy food: ready-to-eat, enriched with protein, vitamins and minerals.

### Applications and Use:

Supplementary food to combat protein calorie malnutrition among children in developing countries.



### Salient Features of Technology:

The process consists of pre-cleaning of the raw materials, roasting under optimal condition, powdering to the required mesh size and ultimate mixing of all the powders. The mix has a pleasant flavor and good acceptability. It can be consumed as such. It could be mixed with water or milk to make a porridge or paste.

**Equipment and Machinery:** Elevators, grain grader-cum-cleaner, continuous roaster, grain cooler, destoner, gram roaster, ribbon mixer, impact pulveriser, pneumatic conveyer, form-fill-seal machine and storage bins.

**Raw Materials:** Edible quality groundnut cake/soybean, wheat, bengal gram dhal, sugar, vitamin premix and minerals.

**Status of Commercialization** : Commercialized

**Minimum Economic Unit Size (MEUS)** : 1 tpd