

## Technology for Licensing

# Decentralized solar thermal dryer for food and agro-products

- Providing effective food preservation solution
- Ideal for preparing dehydrated food product having a higher shelf life
  - Enhanced quality of dried agro-produce

Indian Patent- 320446-IN



### For Food Products

- Fruits and vegetables;
- Marine products;
- Fresh fish;
- Processed products - wafers ; papad
- Spices

### Benefits

- Hygienically dried product
- Higher throughput
- Colour and nutrient of product retained
- Improved income

### For Agro-industrial products

- Natural rubber sheet
- Seaweed
- Shells & Peels

TRL - 5

### USPs

- UV cut off in drying cabinet
- Solar PV dehumidifier; Other thermal energy storage mechanisms
- Recirculation of spent dehumidified air
- Solar PV operated induced draft fan at outlet
- Completely dismantlable system
- Any size starting from 0.5 kg/batch to 250 kg/batch