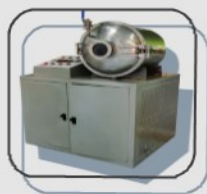


## FIC Equipment for product development and innovations.



### **FREEZE DRYER**

Removes moisture from a sample while maintaining its cellular integrity by means of sublimation.



### **VACUUM FRYER**

The Vacuum Fryer deep fries food inside a closed system under reduced pressure, lowering the boiling point of both oil and water in food.



### **WATER RETORT**

For sterilization of food products packed in sealed containers such as metal cans, glass bottles/ jars and retort pouches/ plastics.



### **SPRAY DRYER**

The spray dryer is used to transform liquid food products into powder.



### **CABINET DRYER**

Cabinet Dryer is used to dry raw commodity or food products in controlled environment and temperature.



### **VACUUM PACKAGING MACHINE**

Vacuum seals food product in retort pouches to store the food in minimum air environment thereby extending the shelf life significantly.



### **CAN SEAMER**

Is a machine used to seal the lid to the can body. The lid or "end" is usually timplated steel while the body can be of metal.



### **BAND SEALER**

For sealing of retort pouch/ plastic for thermal processing using water retort.



**BSU**



*Transforming concepts into products, making local innovations work.*

The Food Innovation Center in Cordillera Administrative Region (FIC-CAR) serves as hub for innovations, R&D, and support services for value-adding of fresh produce and development of processed foods. It is envisioned that through the center, innovative technologies, relevant support services, technical expertise, and facilities will be more accessible for MSMEs in the urban centers and countryside for a more effective technology application, deployment (transfer), and commercialization for sustained economic growth and productivity.

#### **Services offered:**

- Food Product Development
- Training

#### **Who can avail the services?**

- Any individual, organization, and institution engaged in food research and development.
- MSMEs willing to apply technological innovations.

#### **How to avail the service?**

- Secure Request Form from the FIC personnel.
- Fill up Request Form and attach necessary documentary requirements.
  - For researchers: Approved research paper with the request form.
  - For MSMEs: Request form.
- Submit it to the FIC personnel for evaluation, approval and scheduling of requested FIC services.

#### **To learn more about the center, contact:**

#### **DOST-CAR**

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