# **R&D PRODUCTS**



UTILITY MODEL CERTIFICATIONS Processes of preparing the oyster extract

meat/extract; oyster powder from meat

 Method for transporting live mudcrabs Small-scale depuration method/systems

and oyster powder from oyster





FishTEK Ventures

Low-salt dried fish and tuna jerky with natural

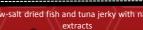
extract/residue

for bivalves

Mudcrab transporting box







Fish burger and marinated flying fish

**PRODUCTS FOR SALE UNDER** 

### **CONTACT US**

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**PROCESSING TECHNOLOGY** 

your partner in postharvest fisheries

### VISION:

A dynamic, global, and center of excellence in postharvest fisheries

### MISSION:

- Develop qualified human resources for the country's fisheries sector
- Advance the field of postharvest fisheries through basic and cutting edge research programs
- Conduct public service and outreach programs that enable the institute to share its expertise with mentors and users of technology
- Provide policy directions in postharvest fisheries

## ACADEMIC PROGRAMS

IFPT offers the MS in Fisheries (Fish Processing Technology) which includes the following courses:

- Instrumental analysis of fish and fishery products
- ∠ Low temperature preservation of fish
- Fish curing and dehydration
- **★ Thermal processing of fish**

IFPT is also part of the BS Fisheries and PhD in Fisheries curricula of the College of Fisheries and Ocean Sciences

# ACADEMIC ACTIVITIES

- Academic Program Improvement (API) lectures and workshop
- Internship Program for international and local students



# RESEARCH AND DEVELOPMENT PROGRAM

- **₹ Fish Handling and Processing**
- **⋈** Bioactive Compounds and Functional Foods
- **₹ Ethnic Seafood Products**
- **≈** Seaweed Processing
- **₹ Fish Marketing**
- Waste Utilization and Management







- Contracted services for pilot scale production of commercially viable technologies
- Analytical services
- **⋈** Immersion for Senior High School students







### Seafood Processing Plant

- Equipment for smoking, drying, canning, bottling, and fish meal, with a common raw material preparation area
- Offers services to the industry and clients through production of fishery products for test marketing

### **Seafood Processing Laboratory**

- Equipment for fish processing technologies and quality management researches
- **\$** Facilities for product development, and sensory evaluation analyses





### **Fisheries Microbiology Laboratory**

- Equipment for basic microbiology and molecular biology research (e.g. PCR, SDS-PAGE)
- 💃 Facilities for sample preparation and decontamination

### Fisheries Chemistry Laboratory

Equipment for fisheries physicochemical, biochemical, and functional properties analyses





### **Analytical Services Laboratory**

- Performs analyses on fishery resources and products for government and private sectors
- Analyses being offered: proximate composition, freshness index, microbiological quality

### **Shellfish Depuration Facility**

Facility for shellfishes to depurate or 'self-clean' as a preprocessing step, reducing the microbial load to address food safety and quality



### **Solar Drying Facility**

The solar drying facility enables production of improved dried fishery products using standard drying methods.

### Librar

- Classic collection of books and journals on postharvest fisheries serve the needs of its students, faculty, researchers and other clientele
- ➡ With Wi-Fi connection for academic and research purposes

