1. "Development of Fish Ham and Patty and its storage stability with Natural Antioxidant Extracts"

Duration: April 2011 – March 2013

Technology developed for ready to eat fish products Fish ham, patties, sausages, incorporated with natural anti-oxidants extracted from horticulture wastes substituted for synthetic antioxidant such as BHA for enhancing the shelf life.

- Pomegranate peel and orange peel obtained from by-product of fruit processing industry can be used as a natural antioxidant substituted for synthetic antioxidant such as BHA for enhancing the shelf life of fish and fishery products.
- Fish patties prepared using button mushrooms contained with natural preservatives (β-glucan, vitamin B groups, D and other useful nutrients along with good antioxidant and antimicrobial properties) enhances the flavour and texture of the product. Addition of orange and pomegranate peel extract at 2000 μg/mL concentration to the fish ham enhance the shelf life by 12 days under refrigerated condition.







Fish Ham in synthetic and cellulose casing



Button mushroom



Ready to eat Fish Patties