

09. “Utilization of filleting waste or skeletal frames as a source of essential minerals”

Duration: April 2017 – March 2019

Extraction of hydroxyapatite from fish bone/skeletal frame is a technology appropriate for use in biomedical applications with no cytotoxicity and best bone filling component.

- Thermal stability, morphology, calcium to phosphorous weight ratio, crystallinity and purity of thermal calcinized HyAp shows a promising results and the isolation of fish bone HyAp through thermal calcination method is an ideal technology with almost no organic portion, high purity, stability, crystallinity, nanostructure and no cytotoxicity making it appropriate for use in biomedical applications.



Entrepreneurship development

1. “Agayu Meen”, Bangalore, “JED”, Mangalore, “Bayman’s Delight”, Mangalore, “Manthana Mahila Sangha”, Mangalore, are the major start-up’s got benefited from the technologies developed from the ICAR-AICRP, Mangalore.
2. 17 training programs organized in collaboration with different state and central agencies, more than 15 technical demonstrations have be done so far in addition to participation as resource person in more than 18 programs and 08 national training programs.



Research Publications

03 research papers in International Journal, 20 research papers in National Journals, 04 Books and 04 Booklets, 03 popular articles in magazines, 20 abstracts in national and international seminars and 02 best presentation awards.