

Research Interest

Research experience in the field of food fortification, product development, processing of grains and pseudocereals by physical processing methods. By product utilization, physico-chemical, nutritional, functional characteristics, Bioavailability, bio accessibility and shelf-life studies of products. Extraction, isolation, crosslinking and characterization of starches from cereals is also one of the research areas. Research also carried out for special food formulation which are low in phenylalanine, for Phenyl ketonuric patients, an inborn error of metabolism. Research Interest pertaining to Microstructure and morphological studies in rice by utilizing out of plane, In-plane X ray diffraction studies. Synchrotron source based XRD and topographical studies have also been carried out.