



Prof. (Mrs) M.K.B, Weerasooriya

Working place : Department of Chemistry , University of Kelaniya

Education: BSc honours in Chemistry, graduated from University of Kelaniya 1984

Ph. D. in Biological chemistry, University of Bristol, U.K., 1993

Professional Qualification:

Post doctoral fellow, University of Bristol, U.K., 2003 July- 2004 Nov.

Working as a Lecturer at University of Kelaniya since 1988 - todate

Teaching experience – 27 years

Teaching areas in Biochemistry; carbohydrates, Enzymes , Protein , metabolism, analytical Biochemistry, Food Chemistry, Immunology, Nutrition, Biotechnology,

Research experience:

Purification and Characterization of enzymes (naphthol reductases, methyl transferase, arginine decarboxylase, invertases and lipases) from natural sources, Evaluation of antifungal potential of selected plant species, Evaluation of hypoglycemic and hyperlipidemic activity of Artocarpus heterophyllus, Chemical Analysis on the defensive secretion of rice bug, Development of value added osmodehydrated products using seasonal fruits in Sri Lanka

Current research: production of industrial Enzymes (amylase and lipase) by fermentation using agricultural wastes as carbon source