

I did my Ph.D. in Central Leather Research Institute (CSIR Institute) after qualifying a National Level Test for Research Fellowship and Lecturership [CSIR-UGC (NET)]. During the Ph.D. programme, I have studied the biodegradation of certain azo dyes and aromatic amines using various microbial cultures and also identified the degradation products using various spectroscopic and chromatographic techniques like UV-Visible, IR, HPLC and GC-MS. I have also purified and characterized the enzyme, azoreductase involved in dye decolorization. I have published 3 papers in the International Journals and 2 more papers are under revision. Apart from biodegradation work, I have also worked on the anti microbial peptides produced by lactic acid bacteria and also on the production and characterization of alkaline protease from fungus.

During this period, I also worked as a Part Time Lecturer in Anna University, teaching "Clinical Biochemistry" for 2 years. Presently I am working as Lecturer in the Department of Biotechnology in Satyabama Institute of Science and Technology.

I am very much interested in looking into the molecular aspects of enzyme synthesis and expression. If given an opportunity, I assure you that I will do the best of my ability.

Thanking you

Valli

Work Eligibility: No, I am not currently in possession of a US work permit.