



Lakshmi Sundeep, M.tech

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Professional experience

2020 - Present Assistant Professor at HITS, Chennai

2011 - 2012 Research fellow at Vittal Mallya Scientific Research Foundation, Bengaluru, India

Education

2010 M.Tech Bioinformatics

Sathyabama University

2008 B.Tech - Biotechnology

Calicut University,, India

Presented paper on ' In-silico Evaluation of Pesticide-likeness in Botanical Compounds' at The Energy and Resources Institute, New Delhi, India (A Government undertaking) on 14-15 February 2012

Invitation received to present my paper ' In-silico Evaluation of Pesticide-likeness in Botanical Compounds' at The Fifth International Conference in Washington, DC (hosted by The Protein Information Resources -PIR) which will be held on 2-4 April 2012 at George Town University

M.Tech Main Project - Docking studies on inhibition of macrophage colony stimulating factor by FMS inhibitors in Rheumatoid Arthritis

In this project, the docking studies in the disease rheumatoid arthritis were analyzed in detail. The software used in this study was Schrodinger software (GLIDE).

B.Tech Main Project (7th and 8th sem)- Development of cost effective method for pectin production

The project mainly concentrated on the production of pectin in a more cost effective manner. Instead of using the process of evaporation for concentration purposes, we used the dialysis method, which proved to be cheaper, and more energy efficient.

B.Tech Mini Project (6th sem)- Dissolution of kidney stones using *Spharanthus indicus*

This project mainly involves treating kidney stones with the help of leaf and stem extracts of *Spharanthus indicus*. The project saw a steady decline in the size of the kidney stones over a span of few months.