



INFORMATICS INSTITUTE OF TECHNOLOGY

In Collaboration with

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Dengue Outbreak Prediction System

A dissertation by

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Abstract

Dengue is a life threatening and one of fastest spreading viral disease in the world as well as in Sri Lanka which does not have a specific treatment. This project is done to identify patterns in Dengue spread and to predict future Dengue outbreaks in a selected region in Sri Lanka.

For the implementation of the proposed system Artificial Neural Network was selected as the main algorithms of the system since it performed the best accuracy out of all other algorithms.