Abstract

Electro Cardiogram is the technique that is utilized to calculate the occurrence and consistency of heart beat. By distinguishing the overall ECG signal, doctors can easily predict that the signal is disposed to to heart attack or not. The signal processing is functioning by the computer based analysis which takes form of the alteration of the signal into another and this signal so generated is more desired than original. This research helps to identify the signal is prone to heart attack or not. This comprises the choice of some basic characteristic and comparing the neural networks outcomes with a hybrid method of ANN and FL (neural –fuzzy classifier). The outcomes so acquired after the effective comparison of each classifier states that ANFIS categorizes more perfectly than the Neural Networks.

References


Index Terms

Computer Science

Biomedical

Keywords

Electrocardiogram, Neural- Fuzzy, Neural Network, ANFIS