



RESEARCH ARTICLE

CNX PSU Bank Index Prediction Using Soft Computing - A Study

J. Mary Dallfin Bruxella¹, S. Arun Joe Babulo²

¹Assistant Professor, Department of Computer Science, KSR College of Arts and Science, Tiruchengode, India

²Assistant Professor, Department of Computer Science, Vijay Vidhyalaya, Dharmapuri, India

¹ dallje@yahoo.co.in; ² s_arun_joe@yahoo.co.in

Abstract— Stock markets are incredible systems wherein thousands of stocks, ETFs and bonds are traded by millions of traders every day, around the world, in a never-ending battle to make money. Predicting stock markets has been one of the biggest challenges of the AI community since about two decades ago. The objective of this paper is to review the previous methods used for prediction and the proposed method. The aim of this work is to predict the National Stock Exchange (NSE) market PSU Bank Index value by external indicators such as world market, policies, inflation rate and the measures taken by Reserve Bank of India with the help of Multi-Layer Feed-Forward Neural Networks (MLFFNN).

Key Terms: - Stock Prediction; Neural Networks; Rough sets; Genetic Algorithm; Fuzzy

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