PROJECT Proposal  
BSSE-IV (Morning)

Habiba Abbasi (b-14158018)

Rabbia Anwar (b-14158062)

Muhammad Younas (b-14158059)

submitted to: Ma’m Maryam Feroze

Subject: TOCI(II)

# Overview

## Project Intro

Providing non-linear learning and smooth interpolation capabilities neural networks are presenting an interesting alternative to traditional concepts for solving problems with regard to prediction of financial markets.This system should helps stockholders in buying and selling timing prediction Stock Exchange. In this system, a neural network learned(using evolutionary technique) the relationship between various technical and economic indexes and the timing for when to buy and sell stocks.This system proposes a hybrid artificial intelligence model for stock exchange index forecasting, the model is a combination of genetic algorithms and feedforward neural networks. Actually it evolves neural network weights by using genetic algorithms.

## Reference

<https://pdfs.semanticscholar.org/46d5/fb49b6cc5e7c809b38b079f2dfb70bf2203f.pdf>

**Developing an Evolutionary Neural Network Model for Stock Index Forecasting**