

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341050281 A

(19) INDIA

(22) Date of filing of Application :26/07/2023

(43) Publication Date : 01/09/2023

(54) Title of the invention : Recognition of Human Activity Using Ensemble Learning of Multiple Convolutional Neural Network

(51) International classification :G06N0003040000, G06N0003080000, G06Q0040040000, G06N0003063000, G06K0009620000
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)St. Martin's Engineering College
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad

Name of Applicant : NA
Address of Applicant : NA
(72)Name of Inventor :
1)Dr. P. Santosh Kumar Patra Professor , Dept.of CSE
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

2)Dr. Regonda Nagaraju Professor & HoD, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

3)Dr. N. Krishnaiah Professor, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

4)Gyanaji Sindhuja Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

5)Kottam Neelima Reddy Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

6)Romit Chakraborty Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

7)Nukala Sai Priya Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

8)Nalla Sameeksha Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

9)Megha Patel Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

10)Shaik Yyounos Ahmad Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

11)Bhavanthi Srikalyan Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

12)A. Bhasha Assistant Professor, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

13)Yepuganti Pranay Kumar Student, IT
Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad --

(57) Abstract :

Correlation analysis of the financial indicators and stock price fluctuations based on artificial intelligence system. In GANs artificial neural network, the number of GANs artificial neurons in the middle layer is required to be the same as the number of training samples, and each GANs artificial neuron stores one training sample, which is called direct memory artificial neuron. The adjustment of connection weights more accurately approximates the nonlinear mapping relationship reflected in the stock market price fluctuations, so as to realize the short-term accurate prediction of the stock market price. This research work has designed the novel neural network model to construct the ideas of the prediction model. Compared with the state-of-the-art ways, the performance is satisfactory.

No. of Pages : 12 No. of Claims : 5