

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411046457 A

(19) INDIA

(22) Date of filing of Application :17/06/2024

(43) Publication Date : 05/07/2024

(54) Title of the invention : A PREDICTIVE MAINTENANCE IN FINANCIAL RISK ASSESSMENT SYSTEM USING AI

(51) International classification :G06Q0040000000, G06Q0040020000, G06Q0010060000, G06Q0040060000, G06N0020000000

(86) International Application No :NA
 Filing Date :NA

(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)MR. ANIRUDH JINDAL
 Address of Applicant :GITARATTAN INTERNATIONAL BUSINESS SCHOOL, PSP 2A & 2B COMPLEX-II MADHUBAN CHOWK, SECTOR-14, ROHINI DELHI - 110085 -----

Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)DR. MAMTA RANI
 Address of Applicant :GITARATTAN INTERNATIONAL BUSINESS SCHOOL, PSP 2A & 2B COMPLEX-II MADHUBAN CHOWK, SECTOR-14, ROHINI DELHI - 110085 Rohini -----

2)DR. MANISHA K. ARORA
 Address of Applicant :GITARATTAN INTERNATIONAL BUSINESS SCHOOL, PSP 2A & 2B COMPLEX-II MADHUBAN CHOWK, SECTOR-14, ROHINI DELHI - 110085 Rohini -----

3)DR. POOJA SHARMA
 Address of Applicant :GITARATTAN INTERNATIONAL BUSINESS SCHOOL, PSP 2A & 2B COMPLEX-II MADHUBAN CHOWK, SECTOR-14, ROHINI DELHI - 110085 Rohini -----

4)DR. JATIN LAMBA
 Address of Applicant :GITARATTAN INTERNATIONAL BUSINESS SCHOOL, PSP 2A & 2B COMPLEX-II MADHUBAN CHOWK, SECTOR-14, ROHINI DELHI - 110085 Rohini -----

(57) Abstract :

Disclosed herein is a predictive maintenance in financial risk assessment system using AI (100) comprises a data acquisition module (102) configured to collect financial data from various sources, including market feeds, transaction records, and economic indicators. The system includes a machine learning module (104) trained on historical financial data to predict future risks and identify potential anomalies or patterns indicative of emerging risks. The system also includes a real-time monitoring unit (106) that continuously analyzes incoming financial data and alerts relevant stakeholders to potential risks or deviations from expected patterns. The system also includes an adaptive unit (108) that adjusts risk assessment criteria based on changing market conditions, regulatory requirements, and historical performance data.

No. of Pages : 23 No. of Claims : 10