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(54) Title of the invention : MACHINE LEARNING APPROACHES IN STOCK MARKET PREDICTION AND MUTUAL FUND PORTFOLIO MANAGEMENT

<p>(51) International classification :G06Q0040060000, G06Q0040040000, G06N0020000000, G06Q0040000000, G06N0003040000</p> <p>(86) International Application No :PCT/ Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)DR S KIRUBAKARAN Address of Applicant :ASSOCIATE PROFESSOR/CSE, CMR COLLEGE OF ENGINEERING AND TECHNOLOGY, KANDLAKOYA, HYDERABAD 501 401 Medchal ----- 2)PROFESSOR SANTOSH RAM PAGARE 3)DR.GANESH KONDAJI CHAVHAN 4)DR. PRAJNADIPTA DAS 5)DR. HEMADIVYA KANTAMANENI 6)AMRITA BHATTACHARYA 7)V RANGANATHAM 8)DR. SHAILENDRA KASHINATH BANSODE 9)SUNITHA B K 10)DR . THIMMAIAH BAYAVANDA CHINNAPPA 11)ABHISHEK KUMAR YADAV 12)DHARINI RAJE SISODIA Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)DR S KIRUBAKARAN Address of Applicant :ASSOCIATE PROFESSOR/CSE, CMR COLLEGE OF ENGINEERING AND TECHNOLOGY, KANDLAKOYA, HYDERABAD 501 401 Medchal ----- 2)PROFESSOR SANTOSH RAM PAGARE Address of Applicant :PROFESSOR, FACULTY OF COMMERCE, K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON, 423601 Ahmednagar - ----- 3)DR.GANESH KONDAJI CHAVHAN Address of Applicant :ASSOCIATE PROFESSOR, K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON, 423601 Ahmednagar ----- 4)DR. PRAJNADIPTA DAS Address of Applicant :FACULTY, COLLEGE OF IT AND MANAGEMENT EDUCATION,ZONE-B, PLOT NO.4, MANCHESWAR IE RD, SECTOR A, BHUBANESWAR, ODISHA 751010 Khordha ----- 5)DR. HEMADIVYA KANTAMANENI Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF MBA, KONERU LAKSHMAIAH EDUCATION FOUNDATION, WADDESWARAM, ANDHRA PRADESH,INDIA. Guntur ----- 6)AMRITA BHATTACHARYA Address of Applicant :NSHM KNOWLEDGE CAMPUS, NSHM BUSINESS SCHOOL, ASSISTANT PROFESSOR, ARRAH VIA SHIBTALA, MUCHIPARA, DURGAPUR 713212 Paschim Bardhaman ----- 7)V RANGANATHAM Address of Applicant :SANSKRITHI SCHOOL OF BUSINESS, PUTTAPARTHI Puttaparthi ----- 8)DR. SHAILENDRA KASHINATH BANSODE Address of Applicant :ASSISTANT PROFESSOR, K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON,423601 Ahmednagar ----- 9)SUNITHA B K Address of Applicant :HEAD OF THE DEPARTMENT, CMS,JAIN (DEEMED TO THE UNIVERSITY) BANGALORE,560040 Bangalore ----- 10)DR . THIMMAIAH BAYAVANDA CHINNAPPA Address of Applicant :PROFESSOR , DEPARTMENT OF MANAGEMENT STUDIES , IVANE JAVANKISHI TBILISI STATE UNIVERSITY OF GEORGIA ----- 11)ABHISHEK KUMAR YADAV Address of Applicant :NEW REST HOUSE COLONY, PRAYAG STATION, PRAYAGRAJ, 211002 prayag ----- 12)DHARINI RAJE SISODIA Address of Applicant :ASSISTANT PROFESSOR / MANAGEMENT, ARMY INSTITUTE OF MANAGEMENT & TECHNOLOGY, GREATER NOIDA UTTAR PRADESH 201310 Noida -----</p>
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(57) Abstract : Machine learning approaches in stock market prediction and mutual fund portfolio management is the proposed invention. The invention aims at analysing the stock market price by the algorithms of machine learning. The invention also focuses on understanding the insights of mutual funds and their portfolio.

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