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Application Details	
APPLICATION NUMBER	202041045968
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/10/2020
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TITLE OF INVENTION	IUML-STOCK PRICES PREDICTOR: INTELLIGENT STOCK PRICES PREDICTOR USING MACHINE LEARNING.
FIELD OF INVENTION	COMPUTER SCIENCE
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/11/2020

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

			View Documents
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In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041045968 A

(19) INDIA

(22) Date of filing of Application :22/10/2020

(43) Publication Date : 13/11/2020

(54) Title of the invention : IUML-STOCK PRICES PREDICTOR: INTELLIGENT STOCK PRICES PREDICTOR USING MACHINE LEARNING.

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(86) International Application No Filing Date	:NA :NA	5)PEDDARAPU RAMAKRISHNA (ASSISTANT PROFESSOR)
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)KOLLI SRINIVAS (ASSISTANT PROFESSOR)
(62) Divisional to Application Number Filing Date	:NA :NA	2)ILLA PAVAN KUMAR (ASSISTANT PROFESSOR)
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(57) Abstract :

Patent Title: IUML-STOCK PRICES PREDICTOR: Intelligent Stock Prices Predictor Using Machine Learning. ABSTRACT Our Invention IUML-STOCK PRICES PREDICTOR • is a method of using natural language processing (NLP), and machine learning techniques to extract information from online news feeds and then using the information so extracted to predict changes in stock prices or volatilities. The invention IUML-stock prices predictor is also predictions can be used to make profitable trading strategies and the company names can be recognized and simple templates describing company actions can be automatically filled using parsing or pattern matching on words in or near the sentence containing the company name. The IUML-stock prices predictor is also providing the templates can be clustered into groups which are statistically correlated with changes in the stock prices and the system is composed of two parts message understanding component that automatically fills in simple templates and a statistical correlation component that tests the correlation of these patterns to increases or decreases in the stock price. The IUML-stock prices predictor the methods can be applied to a broad range of text, including articles in online newspapers such as the Wall Street Journal, financial newsletters, radio &TV transcripts and annual reports. The IUML-stock prices predictor the system statistical patterns in Internet usage data and Internet data such as newly released textual information on Web pages are further leveraged.

No. of Pages : 24 No. of Claims : 6