



(<http://ipindia.nic.in/index.htm>)



Patent Search

Invention Title	Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of things and machine learning things in finance and economic industry
Publication Number	44/2022
Publication Date	04/11/2022
Publication Type	INA
Application Number	202231060096
Application Filing Date	20/10/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0020400000, G06Q0040020000, G06N0020000000, G06Q0040080000, G06Q0040000000

Inventor

Name	Address
Dr. Rashel Sarkar	Associate Professor, Department of Computer Science, University of Science and Technology (USTM), Meghalaya, Techno C Kling Road, Baridua, 9th Mile, RI-Bhoi, Meghalaya- 783101
Dr. S. Perumal	Associate Professor, Department of Computer Science, VELS Institute of Science, Technology & Advanced Studies (VISTAS), P.V.Vaithiyalingam Road, Velan Nagar, Pallavaram, Chennai-600117
Dr. K.S Thirunavukarasu	Assistant Professor, Department of Computer Science, VELS Institute of Science, Technology & Advanced Studies (VISTAS), P.V.Vaithiyalingam Road, Velan Nagar, Pallavaram, Chennai-600117
Dr. Abhishek Kajal	Assistant Professor, Computer Science & Engineering, GJUS&T, Hisar, Haryana - 125001
Dr. Surendra Chandrakant Herkal	Principal, Department of Education, MAEER's MIT Saint Dnyaneshwar B.Ed College, Dehu Phata, Alandi Devachi, Pune - 412 Maharashtra
Divya.R	Assistant Professor, Computer science and engineering, KGISL institute of technology ,365 Thudiyalur Road, Sarvanampatti, Coimbatore, Tamil Nadu 641035.
Mr. Syed Adnan Afaq	Research Scholar, Department of Computer Application, Integral University, Kursi Road Dasauli, Lucknow - 226026, Uttar Pradesh
Dr. Faiyyaj Isamuddin Shaikh	Assistant Professor, Department of Physics, Government Institute of Forensic Science, Nipatniranjan Nagar, Aurangabad - 431004, Maharashtra
Dr. G. Sucharitha	Associate Professor, Department of Electronics and Communication Engineering, Institute of Aeronautical Engineering, Dui Hyderabad - 500043
Mr. Subhash Yalavarthy	Assistant professor, Fine Arts, Koneru Lakshmaiah Educational Foundation Deemed to be University, Vaddeswaram, Guntur Andhra Pradesh -522302

Applicant

Name	Address
Dr. Rashel Sarkar	Associate Professor, Department of Computer Science, University of Science and Technology (USTM), Meghalaya, Techno C Kling Road, Baridua, 9th Mile, RI-Bhoi, Meghalaya- 783101
Dr. S. Perumal	Associate Professor, Department of Computer Science, VELS Institute of Science, Technology & Advanced Studies (VISTAS), P.V.Vaithiyalingam Road, Velan Nagar, Pallavaram, Chennai-600117
Dr. K.S Thirunavukarasu	Assistant Professor, Department of Computer Science, VELS Institute of Science, Technology & Advanced Studies (VISTAS), P.V.Vaithiyalingam Road, Velan Nagar, Pallavaram, Chennai-600117
Dr. Abhishek Kajal	Assistant Professor, Computer Science & Engineering, GJUS&T, Hisar, Haryana - 125001
Dr. Surendra Chandrakant Herkal	Principal, Department of Education, MAEER's MIT Saint Dnyaneshwar B.Ed College, Dehu Phata, Alandi Devachi, Pune - 412 Maharashtra
Divya.R	Assistant Professor, Computer science and engineering,KGISL institute of technology ,365 Thudiyalur Road, Sarvanampatti, Coimbatore, Tamil Nadu 641035.
Mr. Syed Adnan Afaq	Research Scholar, Department of Computer Application, Integral University, Kursi Road Dasauli, Lucknow - 226026, Uttar Pr
Dr. Faiyyaj Isamuddin Shaikh	Assistant Professor, Department of Physics, Government Institute of Forensic Science, Nipatniranjan Nagar, Aurangabad - 431004, Maharashtra
Dr. G. Sucharitha	Associate Professor, Department of Electronics and Communication Engineering, Institute of Aeronautical Engineering, Dui Hyderabad - 500043
Mr. Subhash Yalavarthy	Assistant professor, Fine Arts, Koneru Lakshmaiah Educational Foundation Deemed to be University, Vaddeswaram, Guntu Andhra Pradesh -522302

Abstract:

Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled machine and economic industry ABSTRACT Banking and finance increasingly utilise artificial intelligence techniques due to the amount of data and the decline These concepts have applications in asset management, algorithmic trading, credit underwriting, and blockchain-based finance, among others. Mod acquire and improve their ability to predict and carry out tasks without being explicitly programmed by humans. Whether it's food, clothing, or furnit are purchasing items from businesses online. It may be challenging to spot suspicious behaviour in a multinational organisation that is constantly ch volume of traffic and data. Detecting fraud is one of the most promising uses of machine learning. This has been proved to work in numerous conte insurance. It appears impossible, but the evidence supports it. The most current McAfee assessment is that the world GDP has suffered a \$600 billio billions of dollars, and the risk of fraud for both financial institutions and their clients is growing. Frauds such as CEO fraud, fraudulent invoicing, and can be perpetrated without sophisticated hacking software. Some financial institutions will reimburse you, while others will not. Those who refuse to responsibility to request a modification. However, banks and other financial institutions are losing both capital and customer confidence.

Complete Specification

4. Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled mac finance and economic industry of claim 1, wherein said that it is a smart communication system.
5. Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled mac finance and economic industry of claim 1, wherein said that this research looks at all of the important and recent work that has been done so far, a and challenges.
6. Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled mac finance and economic industry of claim 1, wherein said that in recent years, AI, Big data technology has become a hot topic Communication system
7. Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled mac finance and economic industry of claim 1, wherein said that a reliable and efficient system for monitoring variables.
8. Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled mac finance and economic industry of claim 1, wherein said that it is a cutting edge technology.

[View Application Status](#)

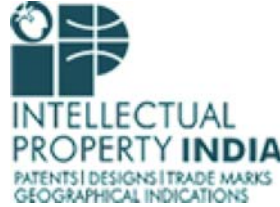


**Department of Industrial
Policy and Promotion**
Government of India



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

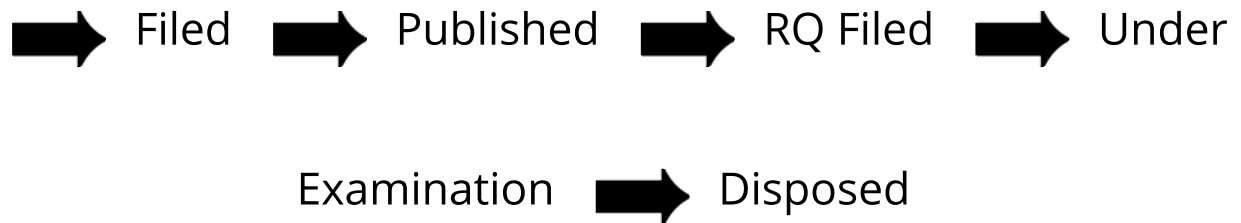
Application Details	
APPLICATION NUMBER	202231060096
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/10/2022
APPLICANT NAME	1 . Dr. Rashel Sarkar 2 . Dr. S. Perumal 3 . Dr. K.S Thirunavukarasu 4 . Dr. Abhishek Kajal 5 . Dr. Surendra Chandrakant Herkal 6 . Divya.R 7 . Mr. Syed Adnan Afaq 8 . Dr. Faiyyaj Isamuddin Shaikh 9 . Dr. G. Sucharitha 10 . Mr. Subhash Yalavarthy
TITLE OF INVENTION	Artificial intelligence techniques and big data analytics based digital document fraud detection system using Internet of Things (IoT) enabled machine learning things in finance and economic industry
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	editorsippublisher@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/11/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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