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डिजाइन के पंजीकरण का प्रमाण पत्र

Certificate of Registration of Design

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तारीख / Date

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पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **SOLAR LCD MONITORING USING IOT** से संबंधित है, का पंजीकरण, श्रेणी 14-02 में 1.Dr. Soundararajan.S 2. Dr. P Sekhar Babu 3.S. Gayathri 4.Akshay Laxman Chavan के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 14-02 in respect of the application of such design to **SOLAR LCD MONITORING USING IOT** in the name of 1.Dr. Soundararajan.S 2. Dr. P Sekhar Babu 3.S. Gayathri 4.Akshay Laxman Chavan.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि :
Date of Issue 15/03/2024



कुलपति की संज्ञा

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2024

(21) Application No.202441058863 A

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(54) Title of the invention : A MULTI-AGENT SYSTEM FOR DEVICE MANAGEMENT AND CONTROL IN IOT ENVIRONMENTS

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(57) Abstract :

The present invention provides a multi-agent system designed to enhance the management and control of devices within Internet of Things (IoT) environments. The system comprises device agents, control agents, communication agents, and security agents, each fulfilling distinct roles to improve network efficiency, scalability, and security. Device agents are responsible for monitoring and reporting the status of IoT devices. Control agents manage device configurations, optimize network performance, and execute control strategies based on data from device agents. Communication agents handle reliable and timely data exchange between agents using a standardized protocol. Security agents ensure network protection through authentication, authorization, and encryption. The multi-agent system enables decentralized management, enhancing real-time responsiveness and fault tolerance while addressing the limitations of traditional centralized approaches. This invention offers a robust framework for managing complex and dynamic IoT networks, improving overall operational efficiency and security. Accompanied Drawing [FIGS. 1-2]

No. of Pages : 21 No. of Claims : 10

(54) Title of the invention : “Dynamic Cloud Infrastructure Optimization for Enhanced Service Reliability”

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(51) International classification	:A61K0031381000, A61P0015000000, C07D0405060000, C07D0307680000, C07D0401040000	
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(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
ABSTRACT Dynamic Cloud Infrastructure Optimization for Enhanced Service Reliability The increasing reliance on cloud computing services necessitates robust infrastructure optimization to ensure high service reliability. This paper presents a dynamic optimization approach for cloud infrastructure that intelligently allocates resources based on real-time demand and system performance metrics. By leveraging predictive analytics and machine learning, the proposed method anticipates potential bottlenecks and dynamically adjusts resource distribution to maintain optimal performance. Empirical evaluations demonstrate significant improvements in service availability and response times, underscoring the effectiveness of this adaptive optimization strategy in contemporary cloud environments.

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(19) INDIA			
(22) Date of filing of Application :15/09/2024		(43) Publication Date : 20/09/2024	
(54) Title of the invention : Adaptive Neural Network Framework for Real-Time Data Analytics in Smart Cities			
(51) International classification :G06F0018232130, H04L0005000000, H02G0003040000, A63B0071060000, A61P0037000000 (86) International Application No :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA (62) Divisional to Application Number :NA		(71)Name of Applicant : 1)St. Peter's Engineering College Address of Applicant :St. Peter's Engineering College, Opp. Forest Academy, Kompally Road, Dullapally, Maisammaguda, Medchal, Hyderabad - 500100, Telangana, India. Hyderabad ----- Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Munni Shaik Address of Applicant :Assistant Professor, Department of Information Technology, Malla Reddy University, Opp to Forest Academy, Maisammaguda, Medchal, Dhulapally, Kompally, Hyderabad-500100, Telangana,India Hyderabad ----- 2)Mr.S.Veerabdraiah Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, St. Peter's Engineering College, Opp to Forest Academy, Maisammaguda, Medchal, Dhulapally, Kompally, Hyderabad-500100, Telangana,India Hyderabad ----- 3)Mrs. V. Prema Latha Address of Applicant :Asst. Professor of CSE(AI&ML) Siddhartha Institute of Engineering and Technology, Vinobha Nagar, Ibrahimpatnam, R.R. Dist-501506, Telangana, India . Hyderabad ----- 4)Mr.Tatiraju.V.Raj anikanth Address of Applicant :Senior Manager,TVR Consulting Services Private Limited ,4-79/C/201,Splendour Apartment, Mettukaniguda, Gajularamaram, Medchal Malkangiri District, Hyderabad-500055,Telangana,India Hyderabad ----- 5)Mr.Roger Jeess Smith T Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, St. Peter's Engineering College, Opp to Forest Academy, Maisammaguda, Medchal, Dhulapally, Kompally, Hyderabad-500100, Telangana,India Hyderabad ----- 6)Mrs.Ch.Lakshmi Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Guru Nanak Institutions Technical Campus(GNITC), Hyderabad, Telangana, India Hyderabad ----- 7)Dr.B.Bhaskar Reddy Address of Applicant :Professor of ECE and Dean IQAC, St. Peter's Engineering College, Opp. Forest Academy, Kompally Road, Dullapally, Maisammaguda, Medchal, Hyderabad - 500100, Telangana, India. Hyderabad ----- 8)Mr.R.Anand Reddy Address of Applicant :Assistant Professor, Department of CSE, SRIT Engineering College (Autonomous), Rotarypuram Village, B.K.Samudram Mandal, Ananthapuramu- 515701, Andhra Pradesh, India. Anantapur --- 9)Dr.Amjan Shaik Address of Applicant :Professor of CSE and Dean R&D Cell, St. Peter's Engineering College, Opp. Forest Academy, Kompally Road, Dhulapally, Maisammaguda, Medchal, Hyderabad - 500100, Telangana, India. Hyderabad ----- 10)Mrs.C.Soumi Address of Applicant :Assistant Professor, Department of CSE, St. Peter's Engineering College, Opp. Forest Academy, Kompally Road, Dhulapally, Maisammaguda, Medchal, Hyderabad - 500100, Telangana, India. Hyderabad -----	
(57) Abstract : Adaptive Neural Network Framework for Real-Time Data Analytics in Smart Cities Smart cities leverage real-time data analytics to improve urban management and enhance the quality of life for residents. This paper introduces an adaptive neural network framework capable of processing vast amounts of data from various city sensors in real-time. The framework dynamically adjusts its parameters to accommodate changing data patterns, ensuring accurate and timely insights. Case studies involving traffic management, energy consumption, and environmental monitoring illustrate the framework's ability to optimize city operations and support decision-making processes, ultimately contributing to more efficient and sustainable urban living.			
No. of Pages : 11 No. of Claims : 10			

FORM 2 THE PATENTS ACT 1970 39 OF 1970 & THE PATENT RULES 2003 COMPLETE SPECIFICATION (SEE SECTIONS 10 & RULE 13)		
1. TITLE OF THE INVENTION Artificial Intelligence based Smart System for Determining Blood Group Using Fingerprint and Deep Learning Algorithms		
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2. PREAMBLE TO THE DESCRIPTION		
COMPLETE SPECIFICATION The following specification particularly describes the invention and the manner in which it is to be performed		

Artificial Intelligence based Smart System for Determining Blood Group

Using Fingerprint and Deep Learning Algorithms

ABSTRACT:

The fingerprint pattern is the most genuine and distinctive feature that defines human identity. This distinct pattern is unchangeable and remains the same until a person's death. Fingerprint evidence is highly esteemed, especially in court procedures, across a range of situations. The unique and intricate pattern of each individual's minutiae is unmatched, with an extremely low likelihood of similarity, around one in sixty-four thousand million. This uniqueness remains consistent even for identical pairs. The unique ridge pattern is consistent from birth, acting as a permanent characteristic of human identification. This paper introduces a technique that involves comparing distinct feature patterns obtained from fingerprints for the purpose of personal identification systems. Fingerprint data is utilized in the analysis of blood group determination as well. During the process of fingerprint matching, the ridge frequency is evaluated, and spatial characteristics are retrieved using a Gabor filter designed specifically for this purpose. Therefore, fingerprint analysis can be utilized to determine blood groups.

DESCRIPTIONS:

Deep learning and image processing are advanced technologies that have revolutionized the field of blood group identification. They provide a practical way to enhance and automate the detection of blood types. Each of these technologies has the potential to profoundly transform the field of blood type detection. The manual evaluation and interpretation of blood samples is a laborious and susceptible process in typical blood group identification processes, as it consumes a significant amount of time and is prone to human mistake. Consequently, this surgery is not advisable. A cutting-edge solution has been developed by combining deep learning and image processing techniques to effectively tackle these issues. This strategy has enhanced the administration of blood transfusions and patient care by automating the process of blood type diagnosis. In order to categorize blood group photos, it is recommended to utilize convolutional neural networks (CNNs) together with feature extraction techniques such as orientated FAST, rotated BRIEF (ORB), and scale invariant feature transform (SIFT) techniques. When employing this technique, an image processing pipeline is used to preprocess blood group images in order to improve contrast and decrease noise. Before using the SIFT and ORB algorithms, this step is performed to extract distinctive features. Due to the training of the CNN model with these specific attributes, blood type categorization can now be performed with high accuracy and reliability. The objective of this research is to enhance the management of blood transfusions and patient care by expediting and enhancing the precision of blood sample analysis, as well as

enhancing the capabilities of automated blood type identification. An endeavor is underway to enhance the precision and effectiveness of blood type prediction in medical environments by employing a methodology that combines deep learning with feature extraction techniques. These studies, utilizing diverse blood group imaging datasets, showcase the adaptability and precision of the system in classifying images, even in the presence of varying picture quality. The integration of deep learning techniques with image processing technology in the medical field has numerous potential uses for blood type determination. This technology has the capacity to expedite the procedures associated with blood transfusions and potentially improve patient outcomes. This is achieved by employing automation and enhancing the precision of blood type detection. The integration of feature extraction methods with convolutional neural networks (CNNs) enhances the reliability and effectiveness of the result. This is done to address the limitations of manual blood group identification procedures. The proposed approach has the capability to preprocess images of blood groups, extract distinctive features, and train a Convolutional Neural Network (CNN) model. These steps collectively enhance the blood group detection process, making it thorough and innovative. The method's significance is highlighted by the focus on improving the efficiency and accuracy of blood type prediction by comprehensive testing on diverse blood group imaging datasets. Significant progress has been achieved in non-intrusive blood typing procedures with the creation of a blood group recognition system that combines deep learning and image processing technologies. The approach has demonstrated exceptional precision and therapeutic utility in identifying

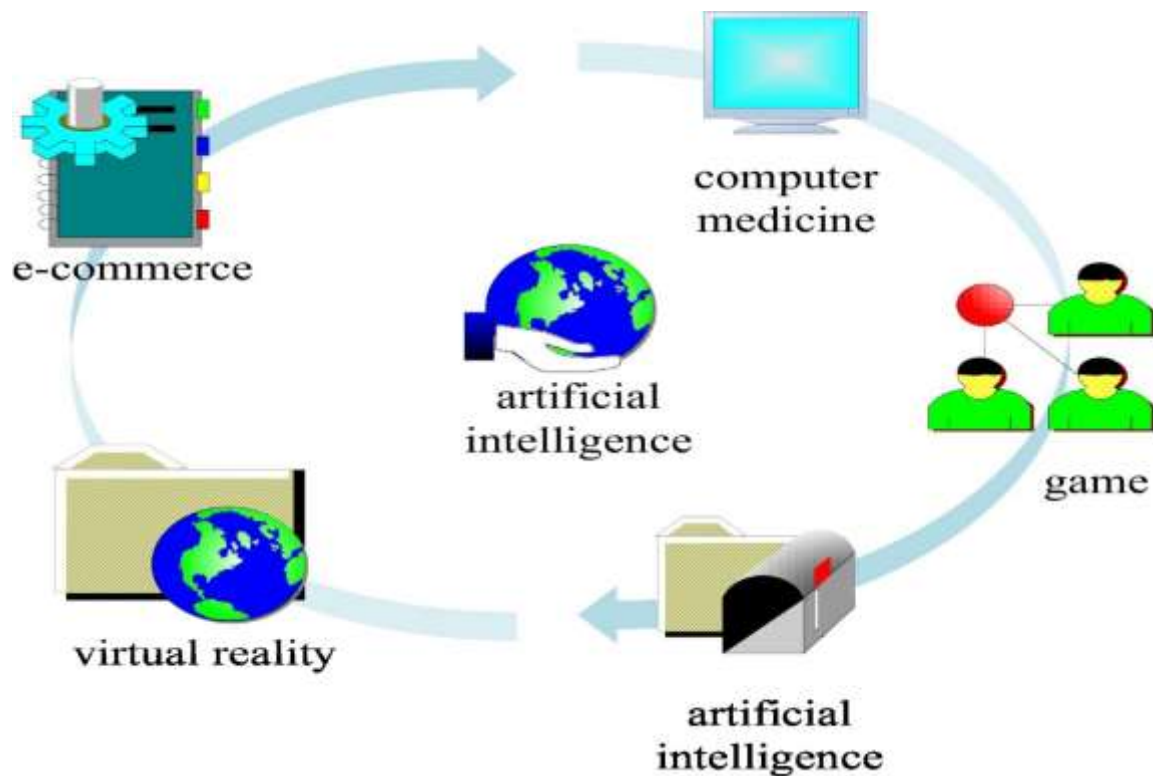
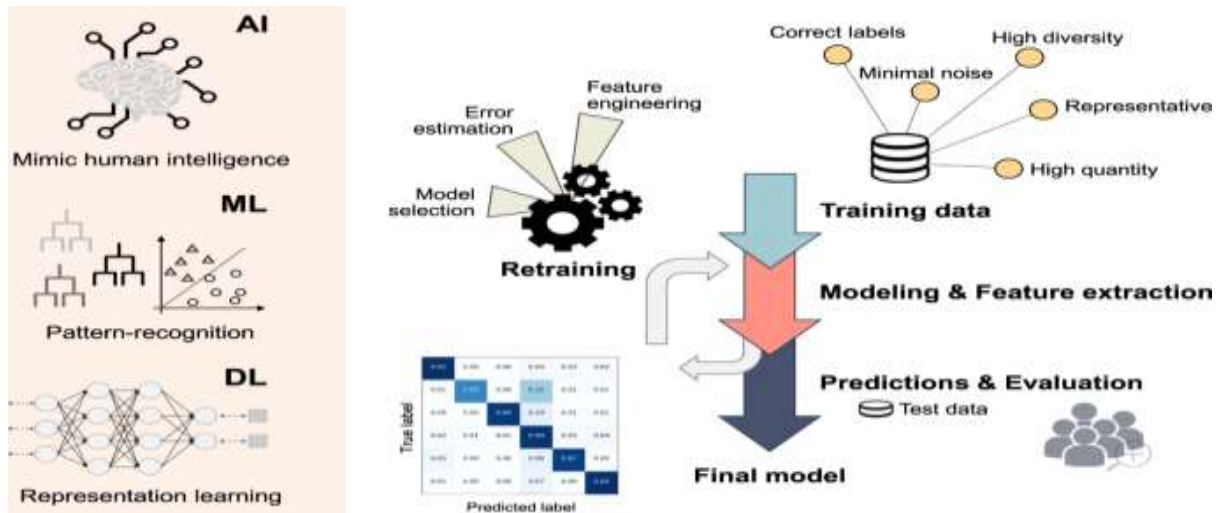
blood types from spectroscopic pictures. The SIFT, Oriented FAST, and Rotated BRIEF (ORB) methods were employed for robust feature extraction. Additionally, convolutional neural networks (CNNs) were successfully trained. The utilization of these cutting-edge technologies showcases the system's efficacy in medical diagnostics through the provision of a successful and noninvasive blood typing method.

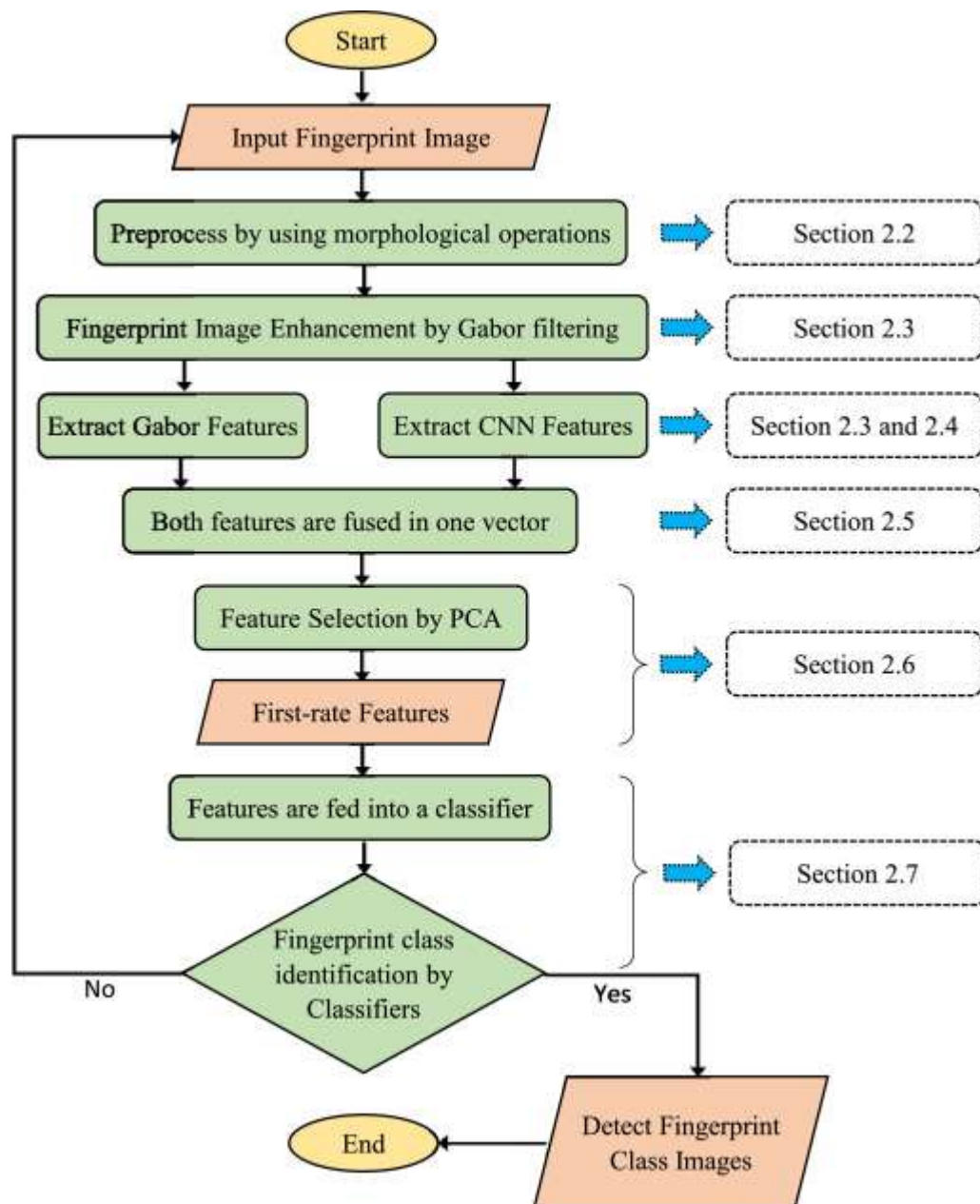
CLAIMS:

1. Fingerprints left by humans contain a great deal of potential and a great deal of features that are unique to them.
2. As a result of the distinctive identity of accents, it is one of the key diagnostic techniques that has been utilized since the beginning of the age.
3. It brings up a lot of options for research in the field of human sciences. For example, some researchers have attempted to determine an individual's gender or age by analyzing their fingerprint characteristics.
4. In the 20th century, fingerprint identification and analysis have become ubiquitous, and it has also developed into an essential component of forensic investigation at crime scenes.
5. In a manner analogous to that of a fingerprint, all individuals have a blood group that is distinct from one another.

6. Prior to the development of this proposed method, researchers had only attempted to establish a connection between fingerprint patterns and blood types.

DRAWINGS:





Design Application Details

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Back

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(43) Publication Date : 13/09/2024

(54) Title of the invention : A SYSTEM AND METHOD FOR INTEGRATION OF INTERNET OF THINGS (IOT) WITH 5G NETWORKS

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(57) Abstract :

The present invention provides a system and method for the seamless integration of Internet of Things (IoT) devices with 5G networks, addressing the challenges of connectivity, data management, and security. The system includes an IoT gateway for device management and data aggregation, a 5G core network interface for connectivity and data routing, an edge computing layer for local data processing and real-time analytics, and a network slicing module for optimizing virtual networks based on application needs. Additionally, the invention features a robust security framework incorporating end-to-end encryption, secure device authentication, and real-time anomaly detection. This integrated approach ensures efficient, reliable, and secure operation of IoT applications within the 5G ecosystem, enabling advanced functionalities and improved performance across various industries. Accompanied Drawing [FIGS. 1-2]

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(19) INDIA

(22) Date of filing of Application :09/08/2024

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(54) Title of the invention : BATTERY MANAGEMENT SYSTEM BY USING WIRE LESS SENSOR MODULE.

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(57) Abstract :
WIFI GPS vehicle temperature monitoring and control system design and development. The only thing a vehicle's temperature is its engine's temperature. Increased engine temperature impacts a vehicle's longevity, dependability, and mileage. There is occasionally a risk of an engine failure due to excessive temperatures. Here, we suggest a system similar to the GPS-enabled WIFI vehicle temperature monitoring and control. The WiFi (Sim800C) module used in this project is connected to Arduino via UART. GPS module and Arduino are linked via a UART interface.Arduino analog pin is connected to a DHT11 temperature sensor. Arduino digital pin interfaced with a buzzer. Relay connected to an Arduino digital pin controls a DC motor. The engine temperature is read by this temperature sensor (LM35). Assume the vehicle's engine is a DC motor. The DC motor (car engine) will turn off if the engine temperature rises over 130 degrees (the maximum temperature for both gasoline and diesel engines is 130 degrees). Engine condition and temperature are shown on the LCD. An SMS with a GPS location will be sent to the registered cellphone number whenever the temperature rises above 130 degrees.

No. of Pages : 7 No. of Claims : 2

(54) Title of the invention : ADVANCED POWER GENERATION MATERIAL AND PROCESS DESIGN BY ARTIFICIAL INTELLIGENCE

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(51) International classification	:G06Q0010060000, G06N0020000000, G06N0003080000, G16B0020000000, G06N0020100000	
(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	

(57) Abstract :
ADVANCED POWER GENERATION MATERIAL AND PROCESS DESIGN BY ARTIFICIAL INTELLIGENCE ABSTRACT The industrialization of every country is heavily dependent on electric power usage. Global electric power consumption has had a 4.5% increase in 2021, notwithstanding the impact of the COVID-19 issue. The International Energy Agency's annual world energy statistics report states that fossil fuels accounted for 63.1% of the overall energy supply, with coal contributing approximately 36.7% to global power output in 2019. The energy sector is a primary contributor to the release of CO2 into the atmosphere, and this will continue to be a serious issue until 2050, particularly for poor nations. This is emphasised in the recent IEA report on achieving net-zero emissions by 2050. By 2050, the global demand for energy is projected to increase by 80%, with poor countries accounting for over 85% of this growth. Although renewable energy-based power generation systems are expanding, coal will continue to play a substantial role in supplying the energy needs of impoverished countries until 2050. Additional information regarding the overall electricity generation and carbon dioxide emissions patterns throughout various global areas can be found in the Supporting Information. The persistent reliance on coal can be attributed to several factors, including its affordability as a fuel, the presence of known technology for converting coal into energy, the comparatively rapid installation of coal-fired power plants, and the socio-economic and political obstacles faced by growing nations. We commence by delineating the cutting-edge AI models utilised in materials design, encompassing machine learning (ML), deep learning, and materials informatics tools. These approaches facilitate the retrieval of significant insights from extensive datasets, empowering researchers to unveil intricate connections and patterns in material qualities, structures, and compositions. Following that, a thorough examination of materials design propelled by artificial intelligence is presented, emphasising its potential future opportunities. Through the utilisation of AI algorithms, researchers may effectively explore and examine datasets that encompass a diverse array of material qualities. This allows for the identification of potential candidates that show promise for certain applications. This ability has significant ramifications in diverse sectors, ranging from pharmaceutical research to energy storage, where the performance of materials is of utmost importance. In the end, AI-driven methods have the potential to completely transform human comprehension and creation of materials, leading to a new era of rapid invention and progress.

No. of Pages : 12 No. of Claims : 7

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(19) INDIA

(22) Date of filing of Application : 16/08/2021 (43) Publication Date : 27/08/2021

(54) Title of the invention : A BIOGENIC TITANIUM METAL NANOPARTICLES COMPOSITION WITH AN IMPROVED INVITRO ACTIVITY ON MULTIDRUG RESISTANT TUBERCULOSIS BACTERIA AND CANCER CELL LINES

(51) International classification	:C12Q0001689000, C07K0014350000, A61K0031440900, A61K0039040000, A61K0031455000	(71)Name of Applicant : 1)Savita Belwal Address of Applicant :Department of Chemistry, Anurag University, Hyderabad-500088, India. Telangana India 2)Nighat Fahmi
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(32) Priority Date	:NA	
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(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to preparation of biosynthesized metal nanoparticles. This report details isoniazid based TiNPs with potential for the treatment of tuberculosis at its nano level. TiNPs displayed excellent invitro inhibition against Mycobacterium tuberculosis (MTB) H37RV, MDR-TB and MTB strains with a MIC of 4µg/mL at maximum. It also showed cytotoxic property against cervical, lung and breast cancer cell lines.

No. of Pages : 18 No. of Claims : 6

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PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : Analytics-Driven Approach to Mitigate Employee Turnover

(51) International classification (86) International Application No (87) International Publication No (61) Patent of Addition to (62) Divisional to Application :G06N0020000000, G06Q0010063900, G06Q0010105000, :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)ANURAG ENGINEERING COLLEGE Address of Applicant :ANANTHAGIRI, KODAD, SURYAPET DIST - 508206, TELANGANA, INDIA. Kodad ----- Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Mr. G.VARMA Address of Applicant :Associate Professor, Department Of Master Of Business Administration , Anurag Engineering College, Ananthagiri, Kodad - 508206, Telangana, India. Kodad ----- 2)Dr.T.RAVINDER REDDY Address of Applicant :Assistant Professor & Hod, Department Of Master Of Business Administration , Mother Teresa Institute Of Scince & Techonology, Sankethika Nagar, Sathupally - 507303, Telangana, India. Sathupally ----- 3)Mrs.CH.JYOTHI Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION MADHIRA INSTITUTE OF TECHNOLOGY& SCIENCES, PALEANNARAM,CHILKUR,KODAD, TELANGANA 508206. Kodad ----- 4)Mr.RAPARTHI YASWANTH KUMAR Address of Applicant :ASSISTANT PROFESSOR , DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION , SRI CHAITHANYA INSTITUTE OF TECHNOLOGY AND RESEARCH, KHAMMAM-507210 Khammam ----- 5)Ms. ANITHA NELLURI Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF HUMANITIES & SCIENCES, KODADA INSTITUTE OF TECHNOLOGY & SCIENCE FOR WOMEN, ANANTHAGIRI ROAD, KODAD-508206, SURYAPET (DT), TELANGANA, INDIA. Kodad ----- 6)Mrs.MEDARAMETLA SILPA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION, VIJAYA ENGINEERING COLLEGE WYRA ROAD, AMMAPALEM(V), KONIJERLA(M),KHAMMAM (D), PINCODE -- 507305. TELANGANA, INDIA. Ammapalem ----- 7)Mr.SIVA RAMA KRISHNA VUPPALA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION, PRIYADARSHINI INSTITUTE OF SCIENCE AND TECHNOLOGY FOR WOMEN, SAI PRABHATH NAGAR, PEDDATHANDA, KHAMMAM - 507003. TELANGANA, INDIA. Peddathanda ----- 8)Mr.SAIBABU KUKATI Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF MANAGEMENT STUDIES, NALLA MALLA REDDY ENGINEERING COLLEGE DIVYA NAGAR, KACHVANISINGARAM, MEDCHAL MALKAJGIRI DISTRICT, HYDERABAD -500088. Hyderabad ----- 9)Mr. MOHAMMAD SOHAIL BABA Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF MBA MALLAREDDY ENGINEERING COLLEGE AND MANAGEMENT SCIENCES KISTAPUR VILLAGE MEDCHAL MANDAL AND DIST PIN 501401 Medchal ----- 10)Mr.A.SRINIVASA NAIK Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF BUSINESS MANAGEMENT SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY(AN AUTONOMOUS INSTITUTIONS) IBRAHIMPATNAM, HYDERABAD,TELANGANA Hyderabad -----
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(57) Abstract :

The present invention provides a method for predicting and mitigating employee turnover in organizations using an analytics-driven approach. The system collects and integrates employee data from multiple sources, including performance reviews, compensation records, engagement surveys, and attendance information. A machine learning model analyzes this data to identify patterns and assign a turnover risk score to each employee. The system then delivers real-time alerts and actionable insights to HR personnel, enabling targeted interventions to retain at-risk employees. The system continuously learns and refines its predictions based on post-intervention data, offering a dynamic and scalable solution for improving employee retention, reducing turnover costs, and enhancing overall workforce stability.

FORM 5
THE PATENTS ACT 1970
(39 of 1970)
&
The Patents rules, 2003
DECLARATION AS TO INVENTORSHIP
[See section 10(6) and rule 13(6)]

1. NAME: OF APPICANT (S)

1. ANURAG ENGINEERING COLLEGE

Hereby declare that the truth and first inventor (s) of the invention disclosed in the provisional specification filed in pursuance of my application numbered **2024**_____ dated _____ are.

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Date 26/10/2024



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3. DECLARATION TO BE GIVEN WHEN THE APPLICATION IN INDIA IS FILED BY THE APPLICANT (S) IN THE CONVENTION COUNTRY:-

-NA-

~~We the applicant(s) in the convention country hereby declare that our right to apply for a patent in India is by way of assignment from the true and first inventor(s).~~

Dated this ____ day of ____, 2022.

Signature:-NA

Name: of signatory:- NA

To,

The controller of patent

The patent office, at Delhi/Mumbai/Chennai/Kolkata.

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(12) PATENT APPLICATION PUBLICATION	(21) Application No.202441070973 A
(19) INDIA	
(22) Date of filing of Application :19/09/2024	(43) Publication Date : 04/10/2024
(54) Title of the invention : Analytics-Driven Approach to Mitigate Employee Turnover	
(51) International classification :G06N0020000000, G06Q0010063900, G06Q0010105000, G06Q0010063100, G16H0050300000	(71)Name of Applicant : 1)ANURAG ENGINEERING COLLEGE Address of Applicant :ANANTHAGIRI, KODAD, SURYAPET DIST - 508206, TELANGANA, INDIA. Kodad ----- Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Mr. G.VARMA Address of Applicant :Associate Professor, Department Of Master Of Business Administration , Anurag Engineering College, Ananthagiri, Kodad - 508206, Telangana, India. Kodad ----- 2)Dr.T.RAVINDER REDDY Address of Applicant :Assistant Professor & Hod, Department Of Master Of Business Administration , Mother Teresa Institute Of Scince & Techonology, Sankethika Nagar, Sathupally - 507303, Telangana, India. Sathupally ----- 3)Mrs.CH.JYOTHI Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION MADHIRA INSTITUTE OF TECHNOLOGY& SCIENCES, PALEANNARAM,CHILKUR,KODAD, TELANGANA 508206. Kodad ----- 4)Mr.RAPARTHI YASWANTH KUMAR Address of Applicant :ASSISTANT PROFESSOR , DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION , SRI CHAITHANYA INSTITUTE OF TECHNOLOGY AND RESEARCH, KHAMMAM-507210 Khammam ----- 5)Ms. ANITHA NELLURI Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF HUMANITIES & SCIENCES, KODADA INSTITUTE OF TECHNOLOGY & SCIENCE FOR WOMEN, ANANTHAGIRI ROAD, KODAD-508206, SURYAPET (DT), TELANGANA, INDIA. Kodad ----- 6)Mrs.MEDARAMETLA SILPA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION, VIJAYA ENGINEERING COLLEGE WYRA ROAD, AMMAPALEM(V), KONIJERLA(M),KHAMMAM (D), PINCODE -- 507305. TELANGANA, INDIA. Ammapalem ----- 7)Mr.SIVA RAMA KRISHNA VUPPALA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION, PRIYADARSHINI INSTITUTE OF SCIENCE AND TECHNOLOGY FOR WOMEN, SAI PRABHATH NAGAR, PEDDATHANDA, KHAMMAM - 507003. TELANGANA, INDIA. Peddathanda ----- 8)Mr.SAIBABU KUKATI Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF MANAGEMENT STUDIES, NALLA MALLA REDDY ENGINEERING COLLEGE DIVYA NAGAR, KACHVANISINGARAM, MEDCHAL MALKAJGIRI DISTRICT, HYDERABAD -500088. Hyderabad ----- 9)Mr. MOHAMMAD SOHAIL BABA Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF MBA MALLAREDDY ENGINEERING COLLEGE AND MANAGEMENT SCIENCES KISTAPUR VILLAGE MEDCHAL MANDAL AND DIST PIN 501401 Medchal ----- 10)Mr.A.SRINIVASA NAIK Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF BUSINESS MANAGEMENT SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY(AN AUTONOMOUS INSTITUTIONS) IBRAHIMPATNAM, HYDERABAD,TELANGANA Hyderabad -----
(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	
(57) Abstract : The present invention provides a method for predicting and mitigating employee turnover in organizations using an analytics-driven approach. The system collects and integrates employee data from multiple sources, including performance reviews, compensation records, engagement surveys, and attendance information. A machine learning model analyzes this data to identify patterns and assign a turnover risk score to each employee. The system then delivers real-time alerts and actionable insights to HR personnel, enabling targeted interventions to retain at-risk employees. The system continuously learns and refines its predictions based on post-intervention data, offering a dynamic and scalable solution for improving employee retention, reducing turnover costs, and enhancing overall workforce stability.	
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