

3.2.2 Number of books and chapters in edited volumes/books published in national/ international conference proceedings per teacher										
Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. Seema Nath Jain		Patent entitled Banana Fiber based Low cost Sanitary pads production				2023			
2	Dr. Seema Gupta		Implementing Blockchain Technology and the Internet of Things (IoT) to Provide Protection for Financial				2023			
3	Dr. Parminder Kaur		Patent entitled Implementation of Artificial Intelligence Techniques to study the role of human practices along with				2023			

Dr. Jasmandeep Kaur	Celebrity Endorsement and Cultural Orientation as per the Indo-African Perspective	Research on Deconstructing Culture and Communication in the Global South (pp. 226-246)	International	2023	978-16-68480-93-9	IGI Global Scientific Publishing
Dr. Jasmandeep Kaur	Adopting Technology for sustainable development: Reflections on innovative Ecosystem	Fostering Sustainable Development in the Age of Technologies pp. 93-111	International	2023	978-1-83753-061-8	Emerald Insight Publishing Ltd.
Dr. Jasmandeep Kaur	Climate Resilient Agriculture: Binding Agriculture Innovations and Insurance	Chapter 7 "The Impact of Climate Change and Sustainability Standards on the Insurance	International	2023	978-1-39416-651-0	Scrivener Publishing LLC, Wiley
Dr. Jasmandeep Kaur	The Metaverse: A New Frontier for Learning and Teaching from the Perspective of AI	Book Chapter: Studies in Computational Intelligence, Springer Book Series, 1128, pp. 101-119	International	2023	978-3-031-48396-7	Springer Nature

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2023 100 324

Bezeichnung:

nanenfaser-basierte, kostengünstige Produktionsmaschine für Damenbinden
mit IoT

IPC:

B30B 9/00

Inhaber/Inhaberin:

Batra, Itri, Dr., Azadpur, Delhi, IN
Goyal, Monika, Dr., Faridabad, Haryana, IN
Jain, Seema Nath, Dr., Patparganj, Delhi, IN
Jamader, Asik Rahaman, Bishnupur, West Bengal, IN
Manocha, Tanvee, Pitam Pura, Delhi, IN
Som, Subhranil, Dr., Kolkata, West Bengal, IN
Tyagi, Shobha, Dr., Faridabad, Haryana, IN
Yadav, Asha, Ghaziabad, Uttar Pradesh, IN

Tag der Anmeldung:

24.01.2023

Tag der Eintragung:

20.02.2023

Die Präsidentin des Deutschen Patent- und Markenamts



Eva Schewior



München, 20.02.2023

Banana Fiber Based Low Cost Sanitary Pads Production Machine Using IoT

FIELD OF INVENTION

The present invention relates to the field of design of low cost sanitary pads production machine.

The present invention relates to system for low cost sanitary pads production machine from banana fiber.

More particularly, the present invention is related to Banana fiber based low cost sanitary pads production machine using IoT.

BACKGROUND OF THE INVENTION

The subject matter discussed in the background section should not be assumed to be prior art merely as a result of its mention in the background section. Similarly, a problem mentioned in the background section or associated with the subject matter of the background section should not be assumed to have been previously recognized in the prior art. The subject matter in the background section merely represents different approaches, which in-and-of-themselves may also be inventions.

Using banana fiber to make low-cost sanitary pads is a sustainable and eco-friendly alternative to traditional materials such as plastic and synthetic fibers. To use banana fiber in the production of sanitary pads, the following steps can be taken:

Harvest banana plants and separate the fibers from the stem.

Clean and process the fibers by washing, boiling, and beating them to make

them soft and pliable.



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Application Details

APPLICATION NUMBER
 APPLICATION TYPE
 DATE OF FILING
 APPLICANT NAME

202341050833
 ORDINARY APPLICATION
 27/07/2023

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- 2 . Dr.M.Rajkumar
- 3 . Prof. Vivek Khirasaria
- 4 . Dr. ANIL KUMAR SINGH
- 5 . Dr.S.Thangamani
- 6 . Dr. Mary Swarna Latha Gade
- 7 . A.RAJALAKSHMI
- 8 . Dr. Seema Gupta
- 9 . Ms. RADHA .T
- 10 . Dr.C.Precilla
- 11 . Dr. Harikumar Pallathadka

DESCRIPTION OF INVENTION

Implementing Blockchain Technology and the Internet of Things (IoT) to Provide Protection for Financial Transactions in the Cryptocurrency Market

CLASSIFICATION OF INVENTION

COMPUTER SCIENCE

Number of Claims (As Per Record)

senanipindia@gmail.com

Correspondence E-MAIL (As Per Record)

iprpatent2022@gmail.com

Application Status (UPDATED Online)

Priority DATE

Priority DATE FOR EXAMINATION DATE

--

Priority DATE (U/S 11A)

01/09/2023

Application Status

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Ms. RADHA .T	Indian	ASSISTANT PROFESSOR ST. CLARET COLLEGE, JALAHALLI

Implementing Blockchain Technology and the Internet of Things (IoT) to Provide Protection for Financial Transactions in the Cryptocurrency Market

ABSTRACT:

The origins of blockchain technology may be traced back to its link with Bitcoin, which was the most well-known cryptocurrency at the time this article was written. A cryptocurrency is distinguished by the use of cryptographic techniques to generate new units of currency and to verify the legitimacy of financial transactions. A blockchain is a proprietary digital ledger that records and monitors cash transfers between individual users. There is a widespread belief among many people that blockchain technology is a reliable and trustworthy system. A comprehensive global index containing all monetary transactions within a network is built by adopting a decentralised approach to network security. The information contained in this index is usually thought to be accurate. The use of blockchain's decentralised ledger technology has the potential to improve trust and collaboration among individuals, removing the need for intermediaries in face-to-face encounters. This technique permits trade confirmation without the use of a central clearing entity. Each trustworthy third party participating in the transaction uses its own unique technique of self-identification, which may result in a longer procedure. The elimination of intermediaries would allow parties involved in transactions and talks to resolve difficulties more quickly. The goal of this essay is to explain Blockchain and the Internet of Things (IoT) ideas in



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Application Details

APPLICATION NUMBER	202341034722
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/05/2023
APPLICANT NAME	<ol style="list-style-type: none"> 1 . Dr. Neena PC 2 . Chatakunta Praveen Kumar 3 . Dr. Pallavi G Vyas 4 . Dr. Parminder kaur 5 . Dr. Anjaneya Sharma Nouduri 6 . Dr. Sunita Devi 7 . Dr V Balaji 8 . Dr Rajkumari 9 . Dr. Pramod Gupta 10 . Divya K V 11 . Dr. P.Vamsi Krishna 12 . Dr.A.Sasi Kumar
TITLE OF INVENTION	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE TECHNIQUES TO STUDY THE ROLE OF HUMAN PRACTICES ALONG WITH CHALLENGES AND FUTURE DIRECTIONS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	patentpointservices@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/08/2023

THE PATENTS ACT, 1970

[39 of 1970]

&

THE PATENTS RULES, 2003

COMPLETE SPECIFICATION

[See section 10 and rule 13]

"IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE TECHNIQUES TO STUDY THE ROLE OF HUMAN PRACTICES ALONG WITH CHALLENGES AND FUTURE DIRECTIONS"

Name of the Applicant(s)	Nationality	Address
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Signature Not Verified

Digitally Signed.
Name: N.Subramanian
Date: 15-May-2023 07:30:52
Reason: Patent E-filing

FIELD OF THE INVENTION

[001] The embodiments of the present invention generally relates to the field of Artificial Intelligence and Human Practices. More particularly, the present invention relates to a system and method for implementation of Artificial Intelligence (AI) techniques to study the role of human practices along with challenges and future directions.

BACKGROUND OF THE INVENTION

[002] The following description of related art is intended to provide background information pertaining to the field of the disclosure. This section may include certain aspects of the art that may be related to various features of the present disclosure. However, it should be appreciated that this section be used only to enhance the understanding of the reader with respect to the present disclosure, and not as admissions of prior art.

[003] While AI techniques offer great potential for studying human practices, there are some challenges and limitations that researchers and practitioners need to be aware of. Here are a few problems associated with AI techniques for studying human practices:

[004] **Data Bias:** AI systems heavily rely on training data, and if the data used to study human practices is biased or unrepresentative, it can lead to skewed or unfair results. Biases present in the training data, such as gender or racial biases, can be perpetuated and affect the accuracy and generalizability of the findings.

[005] **Lack of Contextual Understanding:** AI techniques may struggle to capture the nuanced context in which human practices occur. Factors such as cultural norms, social dynamics, and historical context can significantly influence human behavior, but capturing and incorporating these contextual factors into AI models remains a challenge.

[006] **Interpretability and Explainability:** Some AI techniques, such as deep learning models, are often considered black boxes, making it difficult to interpret and explain their decision-making processes. This lack of interpretability can hinder the understanding of how and why certain human practices are identified or predicted, limiting their trustworthiness and usability.

[007] **Limited Domain Expertise:** AI techniques require expertise not only in AI but also in the domain being studied. Understanding human practices necessitates domain-specific knowledge, and without it, the analysis and interpretation of results may be incomplete or misguided.

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 THE APPLICANT

I/We Dr. J Sreedhar et. al., all are citizen of India, Address of one of the Applicant: Associate Professor, Keshav Memorial Institute of Technology, Narayanaguda, Hyderabad, India-500029.

hereby declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in pursuance of my-/ our application numbered _____ dated 07-03-2023 is/are

2. INVENTOR(S)

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

N.A.

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 07th day of March 2023

Dr. J Sreedhar et. al.
Applicant(s)

To,
The Controller of Patents
The Patent Office, Chennai

FIELD OF THE INVENTION

The field of invention is teaching potential and difficulties associated with modern cloud computing in the context of digital humanities and technical and professional communication. This field of invention is focused on addressing the challenges that arise when
5 teaching cloud computing in these specific areas, while also exploring the potential benefits that can be realized through the use of cloud computing technologies.

Background of the invention:

The digital age has brought about a significant shift in the way that we approach teaching and learning, particularly in the fields of digital humanities and technical and professional
10 communication. With the increasing importance of cloud computing, there is a growing need to explore the potential benefits and challenges associated with its use in these areas.

Cloud computing is a technology that allows users to access computing resources over the internet, without the need for on-premises infrastructure. It provides a range of benefits, including increased flexibility, scalability, and cost-effectiveness. These advantages have led
15 to the widespread adoption of cloud computing in various fields, including education.

In the context of digital humanities, cloud computing offers a range of potential benefits, including the ability to process large amounts of data quickly and efficiently, and the ability to collaborate and share data with researchers from around the world. Cloud-based tools and

Efficient Cloud Clustering Schemes: A Review

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Abstract— In a cloud computing paradigm a large number of computers are pooled together to handle all the connected user's request. In order to serve their customers in a better way, businesses are increasingly turning to cloud computing, which allows them to virtually centralize and grow their IT infrastructure via the internet. Before delving into the intricacies of cloud computing, it would be beneficial for the researchers to have an overview via a review article on this interesting and widely studied domain of cloud computing. To cater to the needs of researchers this paper presents a comprehensive and thorough literature review on cloud resource management and cloud resource scheduling. This study uses a standard systematic literature analysis strategy based on a comprehensive collection of 51 research articles selected from a larger collection of 219 research papers published in over 29 preeminent workshops, symposia, and conferences and 13 preeminent journals. The present state of cloud computing resource scheduling can be broken down into many different types. A comprehensive analysis of resource scheduling in cloud computing is provided, including details on scheduling algorithms and management, scheduling kinds and benefits with accompanying tools, scheduling considerations and resource distribution strategies. Thirteen distinct resource-scheduling strategies have been described, and the relevant literature has been cited. In addition, eight distinct resource allocation strategies are laid forth. The results of this study can be used as a guide in selecting the best algorithm to schedule a given workload, as well as in identifying the most important properties of resource scheduling algorithms. Directions for further study have also been offered in concluding section.

Keywords—Cloud Clustering, Resource Scheduling, Scheduling Algorithms.

1. INTRODUCTION

Cloud-based resource clustering issues may be addressed via the implementation of an effective resource clustering strategy. In order to address resource clustering issues in the cloud, several systems have used various techniques. The cloud, several systems have used various techniques. The educational data mining system has been using a variety of clustering approaches recently [1-5]. Undergraduate academic achievement at Malaysia's National Defence University was measured using a variety of artificial neural network-based classification strategies, including k-means clustering and decision tree. WEKA software's X-means, k-means, and hierarchical clustering algorithms were utilised to assess

students' emotional intelligence and highlight challenges they had while navigating the learning management system's online curriculum. Students' learning behaviours were assessed by using Ward's clustering and non-hierarchical clustering approach, and a click-stream server data set was created based on student input related to their online education [6,8]. The web log data files of an LMS were grouped using the Mark clustering technique to analyse student and course data. Future actions of pupils were predicted using a novel cluster with affinity measure technique [7]. The online patterns of kids are engaging with were determined using a Fuzzy Sets and Transitive Closure approach [9]. Many studies have employed fuzzy methods to group similar items, demonstrating the importance of fuzzy logic in this context [10-15]. Therefore, the next section of the literature review will focus on some of the most important fuzzy based resource clustering approaches or algorithms now in use.

II. BACKGROUND

Workload submission and execution are two steps within the larger process of resource management. Cloud resource management consists of two phases of provisioning and scheduling of resources [16, 18-20]. In contrast to resource scheduling, which entails the mapping and execution of cloud consumer workloads based on selected resources, resource provisioning is the process of determining which resources are necessary to complete a given workload in accordance with the quality-of-service requirements described by cloud consumers. The first step in executing a workload in the cloud is for a cloud user to submit a request for workload execution together with the necessary workload specifications. The broker (resource provisioner) uses this information to locate the best available resources to handle a particular workload and to evaluate whether or not the workload's quality of service (QoS) criteria can be met via provisioning. After resources are provisioned, the broker will transmit requests to a scheduler to be scheduled. The second step, resource scheduling, follows the first provisioning phase. The resource queue stores all of the supplied resources, whereas the resource pool stores everything else. The workload queue is where submitted workloads wait to be processed. Quality of Service criteria make it difficult to schedule resources for realistic workloads. QoS needs must be taken into account for effective resource scheduling.

10

Application of Cyber-crime in Education Sector

Dr. Seema Gupta,
Harsh Manchanda

Abstract

In a World on an average of an hour 97 cyber-crime happens, this means there is a victim of cyber-crime every 37 seconds. Cyber-crime is making use of a computer for unlawful activities such as committing fraud, trafficking intellectual property, stealing identities, or violating privacy. Digital education is the integrating modern technology and digital tools to assist the progress of teaching and learning. According to Check Point Research, the education/research sector was the most targeted in 2021, with an average of 1,605 cyber-attacks per week, up 75 per cent from 2020. Education organizations have been the most vulnerable due to COVID-19 restrictions, distance learning. With the introduction of online education system, threats like Ransomware attacks, DDOS attacks, Phishing attacks, IOT attacks, data breaches and many more were also faced. This Research paper aims to study outlook of Cyber Crime in Digital Education and measure to protect cyber-crime in education sector.

Keywords: Cyber-crime, Cyber-attacks, Multi-factor Authentication, Cyber-bullying.

1. Introduction

Cyber-crime is defined as the destruction, theft, or unauthorized or illegal use, modification, or copy of information, programmers, services, equipment, or communication network [7]. With the improvement in technology, the dependency on computer has increased and everything can be accessed digitally like online shopping, jobs, studies is just a click

The Sustainability of Financial Innovation in E-Payment Systems



Subject: [Accounting & finance](#) > [Financial institutions](#) > [Banks/banking](#)

Synopsis

The financial system is the heart of an economy and payment systems are the nerves. As we shift towards a cashless economy, it is essential to understand the perception of customers towards digital transactions to design effective and viable E-Payment Systems (EPSs).

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Financial Market Research Insights – Past, Present and Future

Pages 23-55

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Framework and Design in Financial Market Research

Pages 57-71

🔗 View access options

Customer Perception Towards Financial Innovation

Pages 73-114

🔗 View access options



Celebrity Endorsement and Cultural Orientation as per the Indo-African Perspective

Jasmandeep Kaur (/affiliate/jasmandeep-kaur/446772/), Kirandeep Bedi (/affiliate/kirandeep-bedi/446773/), Ramanjeet Singh (/affiliate/ramanjeet-singh/446774/)

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Abstract

In many countries, celebrity endorsement is considered as the most premium form of advertisement where a renowned celebrity such as a popular actor/actress, singer, sports personality, etc. is made the brand ambassador. However, the consumer attitude towards celebrity endorsement is dependent on various cultural aspects. This chapter focuses on the different aspects of celebrity branding through the lenses of the culture and demography of two continents: Asia and Africa. The main focus of the chapter is on India from Asia and South Africa and Nigeria from Africa. In Asian countries like India, companies have been using famous celebrities like movie stars, singers, cricketers, etc. to endorse their brands as are much influenced by the long-term orientation. In African countries the most successful companies believe in establishing an affinity with the consumers by being "the brand of the people" and prefer local celebrities. Thus, the chapter sheds light on the role of culture on the effects of celebrity branding from Indo-African perspective.

Chapter Preview

Top

Introduction

"Celebrity Branding" popularly known as celebrity endorsement (CE) is an advertisement campaign for the marketing or promotion of a product that uses the superstar's fame and social position to make a product, service, or brand famous and popular amongst the public (Camillat & Ilicic, 2019). In many countries, celebrity branding is considered to be one of the most premium forms of advertisement where a renowned celebrity such as a popular actor/actress, singer, sports personality etc. are made the brand ambassador of a company by paying them ransom and promoting a product or a service through them and raising awareness about it (Ormedo et al., 2020). Since the consumer market is highly competitive, marketers must concentrate on at least one aspect of advertising that consumers cannot ignore, i.e., celebrity endorsement, wherein, recall becomes easy with CE (Ahmed, 2014).

Definition

Celebrity branding refers to the practice of leveraging the fame and influence of celebrities to promote and endorse products, services, or brands. It involves using the celebrity's image, persona, or reputation to enhance the visibility and credibility of a brand, ultimately leading to increased sales and brand recognition. This marketing strategy has gained significant prominence due to the popularity of social media and the increasing influence of celebrities on consumer behavior. McCracken (1989) defines celebrity endorsement as "any individual who enjoys public recognition and who uses this recognition on behalf of a consumer good by appearing with it in an advertisement."

Endogan and Baker (2000) define celebrity endorsement as "the use of a celebrity's image or reputation in advertising or other promotional activities with the purpose of endorsing or promoting a product or service." Roy (2016) defines celebrity brand endorsement as "the process of using a celebrity to promote a product or service with the help of their fame and personality to gain a competitive advantage."

Assurance

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Adopting Technology for Sustainable Development: Reflections on Innovative Ecosystem

Jasmandeep Kaur, Kirandeep Kaur, Ramanjeet Singh
Fostering Sustainable Development in the Age of Technologies

ISBN: 978-1-83753-061-8, eISBN: 978-1-83753-060-1
Publication date: 13 December 2023
International Standard Book Number.)
International Standard Book Number.)
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Book
Book
Number.)
Electronic version

Abstract
The pandemic has brought to light the importance of quickly adopting new technologies and building resilient organisations. Also, the Sustainable Development Goals (SDGs) can be addressed in large part through technological innovations. The development of smart systems which are linked with the Internet of Things (IoT) can create different opportunities to strategically face the barriers linked with the SDGs and make sure that there is an environmentally sustainable, equitable and healthy society. This study has utilised secondary and qualitative data and has adopted the interpretative and deductive approaches. It has given significance to several aspects of the SDGs and has linked them with digital technology such as accessibility to safe and clean portable water, production of sustainable food along with the generation of green energy and its utilisation. This study has evaluated the advantages of digitalisation so that it can catalyse the transition towards SDGs and improve the health of the citizens by giving digital accessibility specifically to the underserved community. The research has selected the most essential themes which are linked to the context of SDGs and has deeply evaluated a lot of information obtained from authentic secondary resources. At last, it provides a conclusion and recommendations where it has suggested several initiatives which could be made for enhancing the overall scenario and has also disguised the limitations that were identified while completing the study

Keywords

Sustainable Development Goals Innovative ecosystem Technology Health Environment Digitalisation
Industry 5.0

Citation: Kaur, J., Kaur, K. and Singh, R. (2023) 'Adopting Technology for Sustainable Development: Reflections on Innovative Ecosystem', *Fostering Sustainable Development in the Age of Technologies*, pp. 1-10. doi:10.1007/978-1-83753-060-1_1

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Adopting Technology for Sustainable Development: Reflections on Innovative Ecosystem

Jasmandeep Kaur, Kirandeep Kaur, Ramarajeev Singh

Fostering Sustainable Development in the Age of Technologies

ISBN: 978-1-83753-061-8, eISBN: 978-1-83753-060-1

(International Standard Publication date: 13 December 2023) (International Standard Permissions

Book Number.)
Electronic version

Abstract

The pandemic has brought to light the importance of quickly adopting new technologies and building resilient organisations. Also, the Sustainable Development Goals (SDGs) can be addressed in large part through technological innovations. The development of smart systems which are linked with the Internet of Things (IoT) can create different opportunities to strategically face the barriers linked with the SDGs and make sure that there is an environmentally sustainable, equitable and healthy society. This study has utilised secondary and qualitative data and has adopted the interpretative and deductive approaches. It has given significance to several aspects of the SDGs and has linked them with digital technology such as accessibility to safe and clean portable water, production of sustainable food along with the generation of green energy and its utilisation. This study has evaluated the advantages of digitalisation so that it can catalyse the transition towards SDGs and improve the health of the citizens by giving digital accessibility specifically to the underserved community. The research has selected the most essential themes which are linked to the context of SDGs and has deeply evaluated a lot of information obtained from authentic secondary resources. At last, it provides a conclusion and recommendations where it has suggested several initiatives which could be made for enhancing the overall scenario and has also disclosed the limitations that were identified while completing the study.

Keywords

Sustainable Development Goals Innovative ecosystem Technology Health Environment Digitalisation Industry 5.0

The Impact of Climate Change and Sustainability Standards on the Insurance Market

Chapter 7

Climate Resilient Agriculture

Binding Agriculture Innovations and Insurance

Kirandeep Kaur, Jasmandeep Kaur, Ramanjeet Singh

Book Editor(s): Kiran Sood, Simon Grima, Peter Young, Ercan Ozen, Balamurugan Balusamy

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Summary

Livelihood of millions of farmers all over the globe are facing severe threats from the combined challenges of an ever-increasing urbanized world population, the declining non-renewable resources and the damage of bio diversities due to the climate change effects. Climatic risks reinforce the need of binding the agricultural innovations and insurance to build a climate resilient agriculture. Agriculture innovation which involves various organizational, social, or economic processes, apart from applications, drones, and agricultural machinery has been depicted in the model of agricultural innovation system in the chapter. However, to facilitate the farmers, both innovation and insurance are of vital importance. Agricultural insurance minimizes the risks for farmers and this chapter presents the various trends of agriculture insurance like the innovative satellite weather index supporting Thai farmers' etc. Since, agricultural resilience entails both minimizing vulnerability and improving adaptive capability, the chapter cites examples of public private systems and micro insurance system providing coverage to farmers to meet the climate risks. Also, adoption of agricultural innovation and insurance involves multiple challenges and difficulties and need to be tailored as per the needs of the farmers in different regions. Thus, strategic research and technology demonstration are required to build climate resilient agricultural systems.



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The Metaverse: A New Frontier for Learning and Teaching from the Perspective of AI

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Abstract

The present communication offers a thorough analysis of the effects of the metaverse on the field of future education. The metaverse notion is briefly discussed and explained in this paper, which also places it in the context of changing educational paradigms. Notably, the study explores relevant ideas including Artificial Intelligence (AI), Deep Learning, and Machine Learning, successfully demonstrating their possible impacts on how