

GOVT. OF INDIA - RNI NO. UPBIL/2014/56766
UGC Approved Care Listed Journal

ISSN 2348-2397



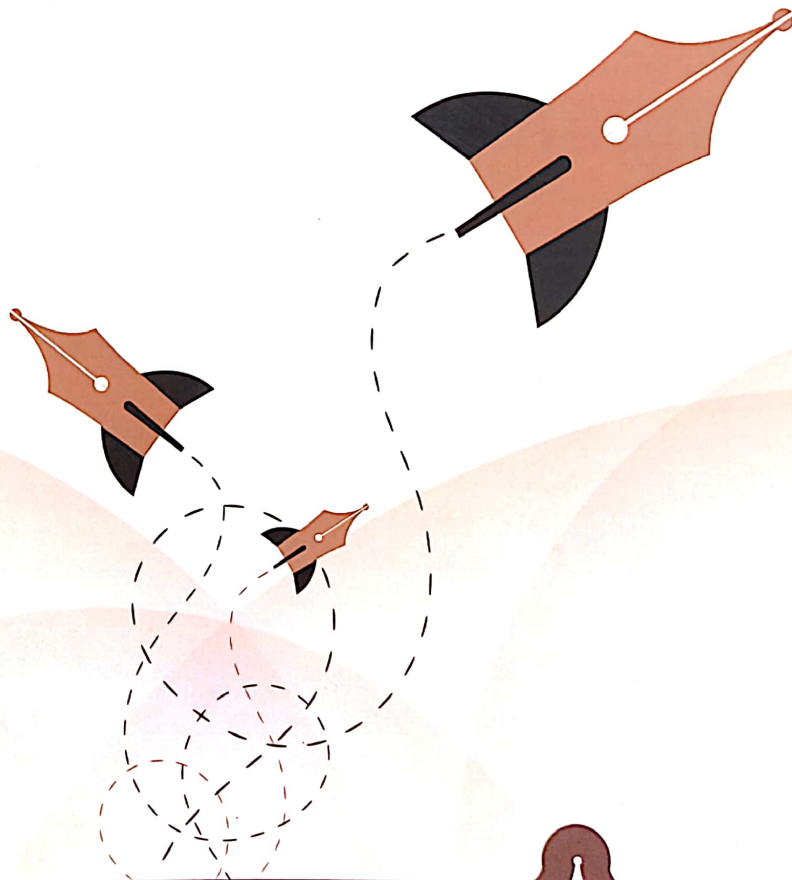
Shodh Sarita

An International Multidisciplinary Quarterly
Bilingual Peer Reviewed Refereed Research Journal

• Vol. 7

• Issue 27

• July to September 2020



Editor in Chief

Dr. Vinay Kumar Sharma
D. Litt. - Gold Medalist



sanchar
Educational & Research Foundation



Scanned with OKEN Scanner

GOVT. OF INDIA- RNI NO. UPBIL/2014/56766
UGC Approved Care Listed Journal

ISSN No. 2348-2397

Shodh Sarita

AN INTERNATIONAL MULTIDISCIPLINARY QUARTERLY BILINGUAL
PEER REVIEWED REFEREED RESEARCH JOURNAL

* Vol. 7

* Issue 27

* July - September 2020

— EDITORIAL BOARD —

Prof. Surya Prasad Dixit

University of Lucknow, Lucknow

Prof. Parmeshwari Sharma

University of Jammu, Jammu

Prof. Kumud Sharma

Delhi University, Delhi

Prof. Ram Prasad Bhatt

Hamburg University, Germany

Prof. Sudheer Pratap singh

Jawahar Lal Nehru University, New Delhi

Prof. Girish Pant

Jamia Millia Islamia University, New Delhi

Prof. S. Chelliah

Madurai Kamraj University, Madurai

Prof. Ajay Kumar Bhatt

Amity University, Haryana

Prof. Pavitar Parkash Singh

Lovely Professional University, Punjab

Prof. M.P. Sharma

Jamia Millia Islamia University, New Delhi

— EDITOR IN CHIEF —

Dr. Vinay Kumar Sharma

Chairman

Sanchar Educational & Research Foundation, Lucknow

PUBLISHED BY

 **sanchar**
Educational & Research Foundation



CONTENTS

S. No.	Topic	Page No.
1.	GURU NANAK : THE GUARDIAN OF HUMANISM Prof. (Dr.) Kirandeep Singh Dr. Harpreet Singh	1
2.	MAGGIE TULLIVER : MARY ANNE'S ALTER-EGO Dr. Rituparna Datta Roy	5
3.	"DAY OF THE WEEK EFFECT" ANOMALY AND EFFICIENCY : A RECENT STUDY ON INDIAN STOCK MARKET Dr. Anima Ajey	9
4.	INDIA'S HIGHER EDUCATION IN THE ERA OF GLOBALIZATION Dr. Rekha Tiwary	15
5.	DOES COVID-19 PANDEMIC IMPACT ON HEALTH INSURANCE BUYING BEHAVIOR OF CONSUMERS? Keerthikumara. S M Dr. Sujatha Susanna Kumari. D	20
6.	ENABLING WOMEN DIGITAL FINANCIAL INCLUSION IN INDIA : A STUDY OF CURRENT STATUS AND EMERGING FINDINGS Noopur Dr. Sujatha Susanna Kumari D	28
7.	EFFECT OF TYPE OF EXPOSURE TO WASH IN EARLY LIFE ON COGNITIVE ABILITY Dhiren Sahoo Dr. Archana Kujur	34
8.	PERFORMANCE OF INTEGRATED CHILD DEVELOPMENT SERVICES SCHEME IN INDIA : EMERGING ISSUES AND EVIDENCE Rajjabali R. R. Biradar	42
9.	NONLINEAR RELATION BETWEEN BOARD SIZE AND FIRM PERFORMANCE : AN EMPIRICAL EVIDENCE FROM INDIA Ranjeet Kumar Mishra	51
10.	DETERMINANTS OF CONSUMER'S ATTITUDE TOWARDS ADVERTISING Pravin Chandra Singh Amit Gautam	57
11.	OPTIMISM AND LONELINESS AS CORRELATES OF HAPPINESS Radhika Manju	70
12.	THE SHIFT FROM IDEALISM TO DISILLUSIONMENT : A CRITICAL ANALYSIS OF WESKER'S "CHICKEN SOUP WITH BARLEY" Ankita	76
13.	A CRITICAL STUDY OF REALISM IN BEAN TREES NOVEL H. Sujatha Mr. G. Kumaresan	79
14.	CREATIVE COMPONENTS MAKES CREATIVE ADVERTISING : AN ANALYSIS Dr. Pradeep Kumar Srivastava	82
15.	DEATH ANXIETY : A COMPARATIVE STUDY BETWEEN PEOPLE LIVING WITH AND WITHOUT HIV/AIDS Dr. Jahangeer Majeed	87
16.	ROLE OF WOMEN IN FOOD SECURITY IN POST COVID 19 ERA Dr. Shingla Prabha	91
17.	THE ANATOMY OF RETAIL AUTO FUEL PRICES IN INDIA Dr. Kumar Gaurav Jeril Tom	95

18.	STUDY OF AWARENESS AMONG THE PRIMARY TEACHERS TOWARDS THE RTE ACT 2009	Mr. Sunil Kumar Pandey Dr. Rekha Shukla	99
19.	PAULO COELHO'S TREATMENT OF MAGICAL REALISM IN "THE WITCH OF PORTOBELLO"	Dr. Shivraj N. Kombe	103
20.	ASSESSMENT OF NUTRITION LEVEL IN ADOLESCENT GIRLS	Arpana Sinha	106
21.	ENVIRONMENTAL IDEOLOGY IN BHAGVAD GEETA	Dr. Manohar D. Dugaje	111
22.	ASSESSMENT OF GOVERNMENTAL SCHEMES FOR DEVELOPMENT OF THE KORWATRIBE INPALAMU DIVISION	Yagywalkya Shukla Dr. L.G.S.N. Shahdeo	114
23.	HUMAN RIGHTS OF WOMEN IN ISLAM WITH SPECIAL REFERENCE TO TRIPLE TALAQUE	Dr. Anish Kumar	120
24.	AN INTRODUCTION OF LOCAL SELF-GOVERNMENT IN INDIA	Dr. Tungnath Mauar	123
25.	THE DEMONETIZATION OF MONEY	Madhurendra Singh	129
26.	IMPACT OF WORKING MOTHERS AND NON-WORKING MOTHERS ON THE VALUES OF THEIR CHILDREN	Prof. (Dr.) Shubhada Pandey Kavita Gupta	134
27.	CALL OF MYTH	K. Satyamurty	141
28.	REPRESENTATION OF MYTH AND HISTORY IN AMITAV'S GUN ISLAND	Radhika Sarkar	144
29.	THE TRUTH BEHIND IBIS	C.P. Pramod	147
30.	21ST CENTURY MARITIME SILK ROAD – ASSESSING THE AFTERMATH ON INDIAN ECONOMY	Basukinath S Pandey	149
31.	GANDHIAN PHILOSOPHY OF RELIGION AS A FACTOR IN POLITICS	Dr. Vikas Singh	153
32.	A STUDY OF FACTORS OF HOME ENVIRONMENT IN RELATION TO ACADEMIC ACHIEVEMENT OF SECONDARY SCHOOL STUDENTS OF UTTARAKHAND	Shanu Bhatt Dr. Dalbeer S. Gariya	157
33.	ASPIRATION OF WOMEN IN MANJU KAPUR'S A MARRIED WOMAN	Dr. Kanchan	163
34.	LOCKDOWN- A BOON IN DISGUISE FOR FAMILY RELATIONSHIPS	Dr. Preeti Manani	168
35.	TEXTUAL JOURNEY OF HINDI LITERATURE IN FRENCH TRANSLATION : MAPPING GENRES AND MARKET	Dharmendra Kr. Singh	172
36.	YOUTH NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) IN INDIA	Nidhi Srivastava	178
37.	AN EVOLUTION OF TOMATO PRODUCTION THROUGH POLY HOUSE IN VINDHYA DIVISION	Miss. Richa Singh Dr. Satish Kumar Garg	185
38.	CONSTRUCTION OF MATHEMATICAL CONCEPT ATTAINMENT TEST	Dr. Sunil Kumar Upadhyay	192

39.	THE IMPACT OF DAIRY FARMING ON RURAL LIVELIHOOD : A REVIEW	Prof. Dr. G. S. Kamble Ms. Monali M. Narayankar	198
40.	OPEN PRISON REFORMS IN INDIA : IN THE PRESENT SCENARIO	Mr. Narender Kumar	203
41.	THE AGONY OF DOUBLE OUTCASTE : SHARAN KUMAR LIMBALE'S THE OUTCASTE	Dr. Sunil Ganpat Baviskar	208
42.	NIETZSCHE'S ÜBERMENSCH : A POSTMODERN CRITICAL REVIEW	Saji Thomas	212
43.	ETHICAL DIMENSIONS IN ANITA DESAI'S FIRE ON THE MOUNTAIN	Dr. N. Banita Devi	216
44.	EMOTIONAL STABILITY AMONG YOUTH AMIDST THE GLOBAL PANDEMIC COVID-19 : AN EMPIRICAL ANALYSIS	Anju Verma Geetu	221
45.	INSECURITY OF CRYPTO CURRENCIES IN BLOCKCHAIN TECHNOLOGY	Gourab Das	228
46.	IMPACT OF BOLLYWOOD MOVIES ON INDIVIDUAL AND THE SOCIETY	Kumar Ambar Pandey	235
47.	E-GOVERNANCE IN COVID-19 PANDEMIC CONTROL THROUGH AROGYA SETU APPLICATION	Jagdeesha H Dr. Mouneshwara Srinivasrao	238
48.	OUTWARD FOREIGN DIRECT INVESTMENT AND GDP IN INDIA : A TIME SERIES STUDY	Pankaj Kumar	243

INSECURITY OF CRYPTO CURRENCIES IN BLOCKCHAIN TECHNOLOGY

□ Gourab Das*

ABSTRACT

Blockchain (BC), the technology behind the Bitcoin crypto-currency system, is taken into account to be both alluring and important for ensuring enhanced security and (in some implementations, non-traceable) privacy for diverse applications in many other domains - including within the Internet of Things (IoT) eco-system. Intensive research is currently being conducted in both academia and industry applying the Blockchain technology in multifarious applications. Proof-of-Work (PoW), a cryptographic puzzle, plays an important role in ensuring BC security by maintaining a digital ledger of transactions, which is taken into account to be incorruptible. Furthermore, BC uses a changeable Public Key (PK) to record the users' identity, which provides an additional layer of privacy. Not only in cryptocurrency has the successful adoption of BC been implemented but also in multifaceted non-monetary systems like in: distributed storage systems, proof-of-location, healthcare, decentralized voting then forth. Recent research articles and projects/applications were surveyed to assess the implementation of BC for enhanced security, to spot associated challenges and to propose solutions for BC enabled enhanced security systems.

Keywords : Blockchain (BC); Bitcoin; Crypto-currency; IoT; Proof of Work (PoW)

1. Introduction

The goal of this research paper is to summarise the literature on implementation of the Blockchain and similar digital ledger techniques in various other domains beyond its application to crypto-currency and to draw appropriate conclusions. Blockchain being relatively a new technology, a representative sample of research is presented, spanning over the last ten years, starting from the early work in this field. Different types of usage of Blockchain and other digital ledger techniques, their challenges, applications, security and privacy issues were investigated. Identifying the most propitious direction for future use of Blockchain beyond crypto-currency is the main focus of the review study.

This article supports the need for innovation in finance and highlights several applications that promotes the future of Blockchain in financial domain, the background and basic concepts of blockchain is

discussed in section 2 . In section 3, we can get little discussion over the decentralized finance. Section 4 highlights the growth of Blockchain in different financial areas along with different Crypto-currencies. And section 5 discussed the future scope and conclusion of these analysis.

2 Background of Blockchain

This section introduces basic concepts of Blockchain and blockchain related others fundamental processes used in blockchain and to generate blocks in blockchain by using several consensus mechanisms.

2.1. Concept of Blockchain:

Blockchain is a decentralized, distributed, digital ledger where activities or transactions are recorded chronologically and publicly. The recording of transactions or activities in a blockchain network is not centralised and cannot be done, or controlled, by a single person or user. Today, the most common use of