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Sinhgad Technical Education Society's®

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3.3: Research Publications and Awards

3.3.1.1 : Number of research papers in the Journals notified on UGC CARE year wise
during the last five years

Response:

Year	Drive-link
Jan. 01 – Dec. 31 2022	View Document
Jan. 01 – Dec. 31 2021	View Document
Jan. 01 – Dec. 31 2020	View Document
Jan. 01 – Dec. 31 2019	View Document
Jan. 01 – Dec. 31 2018	View Document

Encl.:

1. Link for paper landing to the paper /article for the academic year 2021-22
2. link to the journal website of Research paper
3. Screenshots of Research Articles that doesn't have links and DOI number
4. Data template against each paper about the presence of the paper in the UGC CARE list.

1. Sample Link for paper landing to the paper /article for the academic year 2021-22
[DOI:16.10089.AJ.2022.V10I7.285311.4662](https://doi.org/10.10089/AJ.2022.V10I7.285311.4662)

AEGAEUM JOURNAL

ISSN: 0776-3808

Study the Customer's Perception and Preference towards towards
AYU-health (water-based beverage) Pune".

Dr. Reshma Kabugade¹, Dr. Shalini swami²

1(Associate Professor, NBN Sinhgad School of Management Studies / SPPU, India)

2 (Assistant professor, JSPM's Imperial College of Engineering and Research Department)

Abstract :

Shelke Group is a renowned FMCG Company developing new products and entering into the market with new product category. The title "To Study of consumer buying behaviour towards AYU-health (water-based beverage)" which help to understand the perception, opinion and reviews of customers like which brand is a leader in a specific given area. Two hundred customers were selected by using purposive sampling method from two study areas (retailers, residence) in overall Pune City which will help the company to understand customers opinion and it will be utilized for new product development process too.

Keyword: Consumer behavior, purchase behavior , new product development, Packed drinking water etc.



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A handwritten signature in blue ink, likely of the Director, NBN Sinhgad Technical Institutes.

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2. Sample link to the journal website of Research paper
www.ijisae.org

12/13/22, 4:17 PM

International Journal of Intelligent Systems and Applications in Engineering

About the Journal

International Journal of Intelligent Systems and Applications in Engineering (IJISAE) is an international and interdisciplinary journal for both invited and contributed peer reviewed articles that intelligent systems and applications in engineering at all levels. The journal publishes a broad range of papers covering theory and practice in order to facilitate future efforts of individuals and groups involved in the field. IJISAE, a peer-reviewed double-blind refereed journal, publishes original papers featuring innovative and practical technologies related to the design and development of intelligent systems in engineering. Its coverage also includes papers on intelligent systems applications in areas such as nanotechnology, renewable energy, medicine engineering, Aeronautics and Astronautics, mechatronics, industrial manufacturing, bioengineering, agriculture, services, intelligence based automation and appliances, medical robots and robotic rehabilitations, space exploration and etc.

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3. Sample Screenshots of Research Articles that doesn't have links and DOI number

12/7/22, 11:21 AM

Improving 5G network performance for OFDM-IDMA system resource management optimization using bio-inspired algorithm with...



ScienceDirect

Computer Communications

Volume 193, 1 September 2022, Pages 23–37

Improving 5G network performance for OFDM-IDMA system resource management optimization using bio-inspired algorithm with RSM

Makarand Jadhav^{a,b}, Vivek Deshpande^c, Divya Mithunchakkarswarthy^d, Dattatray Waghole^{a,e}

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<https://doi.org/10.1016/j.comcom.2022.04.021>

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Abstract

The OFDM-IDMA system is a new era in the wireless domain. It is affected by the MAI and CFO effects. There are no specific CFO reduction techniques that have been identified as the best solution for a multicarrier multiuser system. This paper proposes a bio-inspired scheme for optimizing the performance of an OFDM-IDMA system. To improve BER performance in the presence of CFOs in a multiuser environment, the SIC-MUD and SIC-MUD with SU-LA algorithms are presented. The MAI effect is mitigated by the SIC-MUD technique. The SU-LA algorithm, on the other hand, improves channel estimation performance by optimizing pilot positions. The combination of these algorithms contributes to the reduction of estimation errors and, as a result, ensures the achievement of 0.0472 MSE. The CFO values used in the simulation are 0, 0.1, and 0.2, and the users are 1, 4, 8, with 16 QAM over the Rayleigh channel. When compared to the SIC-MUD algorithm, the proposed algorithm improved the BER by 41.17 percent and can tolerate 0.1 CFO in the presence of 8 users. The analysis's second-order mathematical regression RSM model has an R2 value of 91.35 percent and accurately predicts the system response. It has been discovered that the proposed SU-LA method outperforms the NS bio-inspired algorithm.

Introduction

The Orthogonal Frequency Division Multiplexing-Interleave Division Multiple Access (OFDM-IDMA) system is used in current wireless technologies. Orthogonal frequency-division multiplexing (OFDM) is a type of digital transmission and a way of transmitting digital data on multiple carrier frequencies. OFDM has increased in number as a wideband digital communication method, with applications ranging from digital television and audio broadcasting to DSL internet access, wireless networks, power line networks, and 4G/5G mobile communications. Whereas, Interleaved-division multiple access (IDMA) is a CDMA progression that includes forward error correction (FEC). The concatenation of an FEC code, a spreading operation (unique for each user), and an interleaver constitute a CDMA with an FEC system. However, the Bit Error Rate (BER) of the system suffers from high sensitivity to Carrier Frequency Offset (CFO) as well as Peak Signal-to-Average Power Noise Ratio (PAPR) and Multiple Access Interference (MAI) [1]. One of the most well-known OFDM disruptions is carrier frequency offset (CFO). It causes inter-carrier interference (ICI) and impairs the performance of OFDM. CFO is frequently assessed and corrected properly during OFDM reception in order to reduce the detrimental impact. Hence, it is essential to design a channel estimation algorithm to evaluate the effect of CFO and MAI on a multiuser receiver. Intracellular and intercellular interference are two types of multiple access interference (MAI). It severely degrades performance and may render the system worthless for even modest user loads with equal power received from each user. Various pilot tone optimization methods and channel estimation techniques are evaluating and enhancing the BER performance. In an OFDM system, channel estimation is extremely critical. It is used to boost the capacity of orthogonal frequency division multiple access (OFDMA) systems by improving the system's bit error rate.

<https://www.sciencedirect.com/science/article/abs/pii/S14036642200233X>



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4. Data template against each paper about the presence of the paper in the UGC CARE list.

Title of paper	Name of the author/s	Name of journal	Year of publication	Is it listed in UGC Care list Yes/ No
Study the Customer's Perception and Preference towards AYU-health (water-based beverage) Pune".	Dr. Reshma Kabugade	Aegaeum Journal	2022	YES
Impact of digital transformation on teaching attitude of private professional institutes teachers during covid-19 pandemic	Dr. Prakash Pise	Neuro Quantology	2022	YES
Word Sense Disambiguation: A Supervised Semantic Similarity based Complex Network Approach	Dr. Shivprasad P. Patil	International Journal of Intelligent Systems and Applications in Engineering	2022	NO
Resource allocation in 5G network using Orthogonal Frequency Division Multiplexing-Hybrid Automatic Repeat Request	Dr. Makarand M. Jadhav	International Journal of communication systems	2022	NO
Improving 5G network performance for OFDM-IDMA system resource management optimization using bio-inspired algorithm with RSM. Computer Communications	Dr. Makarand M. Jadhav	Computer Communications Elsevier	2022	NO



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Ant colony optimization technique for integrating renewable DG in distribution system with techno-economic objectives in distribution system with techno-economic objectives	Mrs. Nisha R. Dagade (Godha)	Evolving Systems	2022	NO
Machine Learning based Autonomous Fire Combat Turret	Mr. Makarand M. Jadhav	Turkish Journal of Computer and Mathematics Education	2021	NO
Design and implementation of resource mangement optimization algorithm to improve QoS performance.	Mr. Makarand M. Jadhav	Design Engineering	2021	NO
Position aware congestion control algorithm for disaster management system using WSN to improve QoS.	Mr. Makarand M. Jadhav	Design Engineering	2021	NO
A Fundamental Analysis of Financial Performance With Reference To Hindustan Lever Ltd. And Procter & Gamble Ltd	Dr. Prakash Pise	Aegaum Journal	2021	NO
Implementation On Emotion Recognition By Speech Signal	Mrs. Sunita P. Deshmukh	Mukta shabda journal	2020	YES
M-Commerce Analytical Study Alast Decade Period and post Covid Pandemic Situation	Dr. Roop Kishor Singhal	An International Bilingual Peer Reviewed Referred Research Journal	2020	YES




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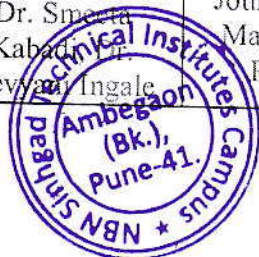
ANNAPURNA: Diet Recommender System.	Mr. Rahul M. Samant	International journal of computer applications	2020	NO
Sherlock: based deep learning framework for fake news detection	Mr. Rahul M. Samant	International journal of computer applications	2020	NO
A study of Quality Services Provided by MSRTC with Special Reference to Pune Division	Dr. Prakash Pise	Bulletin Monumental Journal, WEB OF SCIENCE JOURNAL, 7/1/2020	2020	NO
Study the relationship between Employee value proposition and employee turnover in Management Institutes with reference to Pune.	Dr. Reshma R. Kabugade	Bulletin Monumental Journal, WEB OF SCIENCE JOURNAL	2020	NO
Analysis of Correlation In Business	Dr. Avinash H. Ghadage	Review Of Research UGC approved Journal	2019	YES
Study the factors contributing towards nurses engagement with reference to District Hospital Karad	Dr. Reshma R. Kabugade	Review Of Research UGC approved Journal	2019	YES
A Study on Critical Analysis of Digital Channels with special reference to Indian Films	Mrs. Jyoti Howale, Mrs. Ankita Jeewankar	Think India Journal	2019	YES
A Study on Influence of Workplace Telepressure on Organizational Effectivenesswrt Selected Industries in Pune cit	Dr. Smeeta Kabadi	Think India Journal	2019	YES



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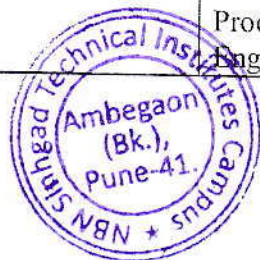
Personal Iris Recognition from an Image at Long Distance using Back Propagation Neural Network	Mrs. Swati D. Shirke	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	NO
Biometric iris recognition of person from an image at long distance using chronological monarch butterfly optimization based deep belief network	Mrs. Swati D. Shirke	International Journal of Recent Technology and Engineering	2019	NO
Grapes Leaf Disease Detection using Convolutional Neural Network"	Mr. Rahul M. Samant	International journal of computer applications	2019	NO
Soil Nutrient Detection And Suitable Crop Suggestion Using Iot	Mrs. Sonali C. Sethi, Mrs. Shital T. Patil	International journal of computer applications	2019	NO
A Machine Learning Approach to Building a Tourism Recommendation System using Sentiment Analysis	Mr. Rahul M. Samant	International journal of computer applications	2019	NO
A Review Paper: Optimization of Two Wheeler Foot Rest Using Composite Natural Fibre	Mr. Vinod M. Bansode	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	NO
Design, analysis and manufacturing of semi automatic book binding machine	Mr. Vinod M. Bansode	International Journal of Advance Research, Ideas and Innovations in Technology	2019	NO
A Study on Perception of Job Seekers about Digital Marketing Tools Used for	Mr. Nilesh Balvant Anute, Dr. Smruti Kabade, Devyani Ingale	International Journal of 360 Management Review,	2019	NO



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Recruitment Process				
Critical Analysis of Selected Digital Channels with Special Reference to Sports and Physical Education Programs and Movies	Mr. Nilesh Anute, Dr. Devyani Ingale	International Journal of Physical Education & Sports Sciences	2018	YES
Fractional Gravitational Grey Wolf Optimization to Multi-Path Data Transmission in IoT	Dr. Amol V. Dhumane, Mr. Rajesh S. Prasad	Wireless Personal Communication	2018	NO
Overview of Iris Recognition with Ubiiris.V2	Mrs. Swati D. Shirke	IOSR Journal of Engineering (IOSRJEN)	2018	NO
Recommender System with Aspect Category and its Rating with the Help of User Reviews	Mrs. Priti P. Joverkar	International Journal of Creative Research Thoughts (IJCRT)	2018	NO
Automatic Quality Assessment Of Echocardiograms Using Convolutional Neural Networks: Feasibility On The Apical Four-Chamber View	Mr. Rahul M. Samant	International journal of computer applications	2018	NO
RIO: An AI based Virtual Assistant	Mr. Rahul M. Samant	International journal of computer applications	2018	NO
Design and manufacturing of washing and cleaning unit for connecting rod	Mr. Arun S. Thakare	International Journal of Current Research	2018	NO
Enhancement of engine efficiency by using air preheater system	Mrs. Prajkta D. Gharge	International Journal of Mechanical, Robotics and Production Engineering	2018	NO



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Auxiliary drive wheel vehicle parking mechanism Correlation Of Test Data With Analysis Of Turbocharger	Mr. Paresh G. Chaudhary	International Journal of Pure and Applied Mathematics	2018	NO
Correlation Of Test Data With Analysis Of Turbocharger	Mr. Vinod M. Bansode	International Research Journal of Engineering and Technology (IRJET)	2018	NO
Durability Analysis and optimization of an Automobile Lower Suspension Arm Using FEA and Experiment technique	Mr. Vinod M. Bansode Mr. Y.C. Jadhav, Mr. S.M. Jadhav	International Research Journal of Engineering and Technology (IRJET)	2018	NO



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