

Criteria III (Research Publications and Awards)

Key Indicator 3.3- Research Publication and Awards

3.3.1 Number of Research Papers per teachers in the Journals on UGC website during the last five years


(2018-19)

List of Research Publications

AY 2018-19

Serial No.	Name of Authors	Title of the Paper
1	Dr. Jayashri Bangali	Discomfort Glare Evaluation Using Dialux Lighting Simulation Software and Using Developed Python Program Model
2	Dr. Jayashri Bangali	Discomfort Glare Prediction by Using Unified Glare Rating
3	Ms. Suchismita Mohanty	Payment System In India - An Engine For Growth
4	Dr. Deepa Sathe	An Overview of Brand Management – ‘Yewale Amruttulya’
5	Ms. Manasi Joshi	A Study of Employee Training and Well Being Practices Of Selected Banks In India




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Dr.Jayashri Bangali

Name of the Journal: International Journal of Sustainable Lighting, IJSL

Link to website of the Journal: [International Journal of Sustainable Lighting \(lightingjournal.org\)](http://lightingjournal.org)

Link to article / paper / abstract of the article: [Discomfort Glare Evaluation using DIALux Lighting Simulation software and using developed Python Program model | International Journal of Sustainable Lighting \(lightingjournal.org\)](#)

J. Bangali/International Journal of Sustainable Lighting USL (2018) 44-50

Discomfort glare evaluation using DIALux lighting simulation software and using developed python program model

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Abstract

Glare can be categories in two main types as discomfort glare and disability glare. Discomfort glare is mainly caused by bright artificial lighting installed in the workplace and disability glare is the reduction in vision caused by bright light sources which affects the ability to see any object. Glare is subjective and person dependent. So, it is very difficult to measure glare factor accurately. There are various methods to evaluate discomfort glare. These methods are discussed in this paper.

This paper mainly focuses on two methods of discomfort glare evaluation; Unified Glare Rating (UGR) and Daylight Glare Probability (DGP). These glare factors are calculated by using DIALux lighting simulation software and by using developed Python program. The experimentation was carried out in two different spaces; Conference room and Optoelectronics laboratory. The comparison of the results obtained by using these two methods is discussed in this paper.

Keywords: unified glare rating (UGR), daylight glare probability (DGP), daylight glare index (DGI).



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Dr. Jayashri Bangali

Name of the Journal: Australian Journal of Electrical and Electronics Engineering

Link to website of the Journal: [Australian Journal of Electrical and Electronics Engineering | Taylor & Francis Online \(tandfonline.com\)](http://www.tandfonline.com)

Link to article / paper / abstract of the article: <https://www.tandfonline.com/doi/full/10.1080/1448837X.2019.1568670>

AUSTRALIAN JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING
2018, VOL. 15, NO. 4, 184-191
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ARTICLE

Discomfort glare prediction by using Unified Glare Rating

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ABSTRACT

Glare which affects comfort or causes distraction is known as discomfort glare and glare which affects the ability to see any object is known as disability glare. Discomfort glare is mainly caused by artificial lighting of the workplace. Discomfort glare can be measured by using Visual Comfort Probability (VCP) or Unified Glare Rating (UGR). This paper discusses the discomfort evaluation methods and presents the calculations of UGR of a specific workplace. The discomfort glare is calculated by using DIALux lighting simulation software, Techno Team LMK measuring system and by using developed Python program model. The results are compared and verified with the feedback received from occupants/users of that workspace. A comparison of the UGR values determined by the DIALux lighting simulation software, LMK measurement system and subjective estimation shows that the values obtained by LMK measurement system are more accurate and are matching with the feedback received from occupants of the workspace.

ARTICLE HISTORY

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KEYWORDS

LMK measurement system;
DIALux lighting simulation
software; Visual Comfort
Probability (VCP) or Unified
Glare Rating (UGR)




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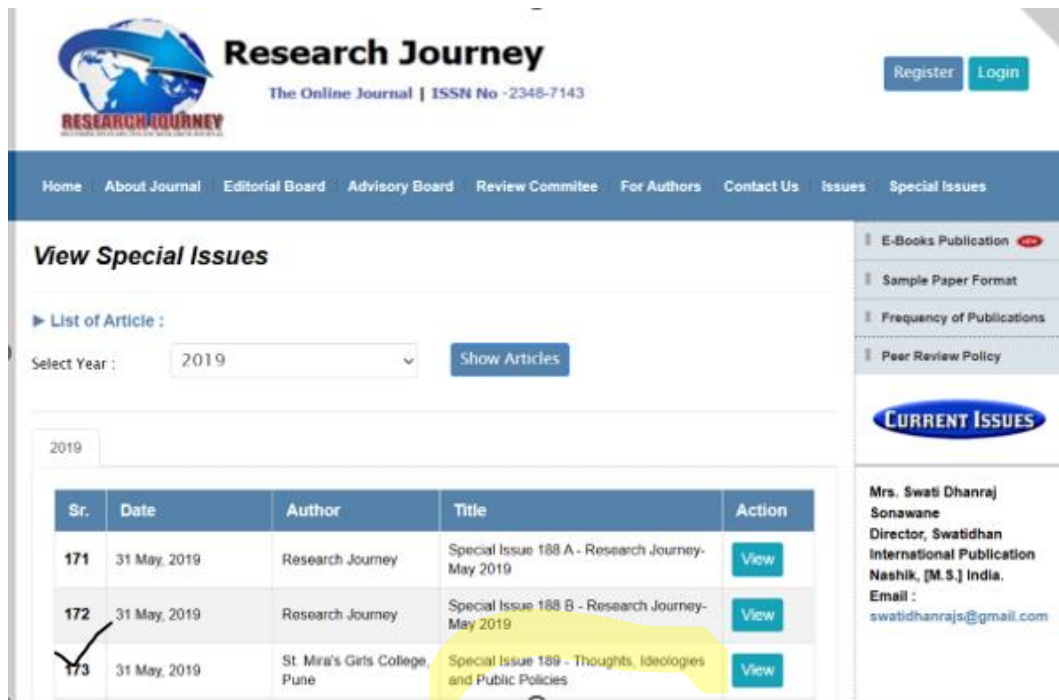
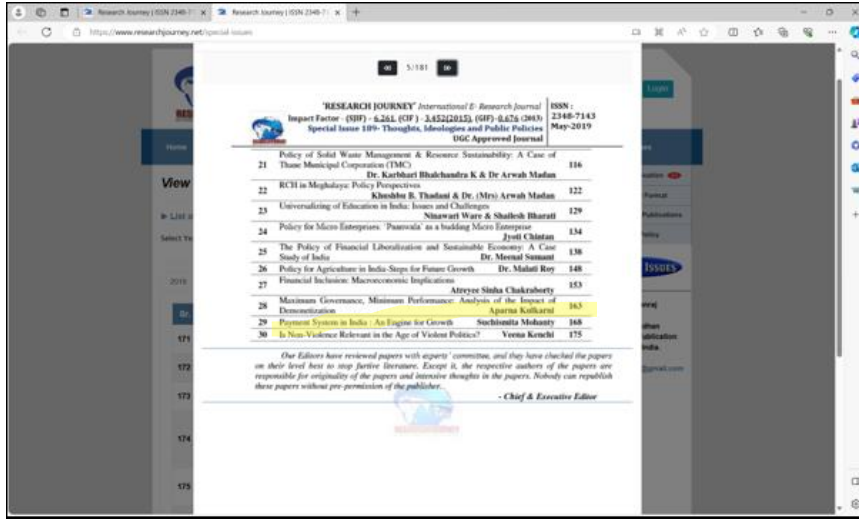
Ms. Suchismita Mohanty

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Payment System in India: An Engine for Growth

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Abstract:

In a democratic and demographically large nation like India, the implementation of public policy and establishment of good governance are tasks in themselves. Many growth models have been executed for the augmentation of economic activities furthering economic development. Money plays a crucial role in this process of expansion. And thus, there is requirement of a robust payment and settlement system to facilitate flow of money in the economy. The payment system in India has evolved over time and presently going through a silent yet dynamic e-monetisation revolution. The payment system in India is a vast umbrella infrastructure that covers various institutions, instruments and legal provisions and other sundry factors which are essential for economic growth. As such, this paper discusses the evolution, induction and performance of various payment instruments. It also assesses the role of payment system in the money management of India. The study finds that on the one hand there is steady rise in the acceptance of e-monetisation of the economy as reflected in the payment system indicator data furnished by the Reserve Bank of India (RBI). While on the other hand there is still greater reliance on traditional settlement practice i.e. the cash-mode. A proper remodelling of growth could focus on the advantages of both the modes – electronic mode (e-mode) and cash-mode. Considering the vastness and monetary habits of the populace in India it is prudent to work on a less cash rather than cash less society.

Key Words: Payment System, Digital, Monetary Policy, Paperless transactions, Cashless Economy

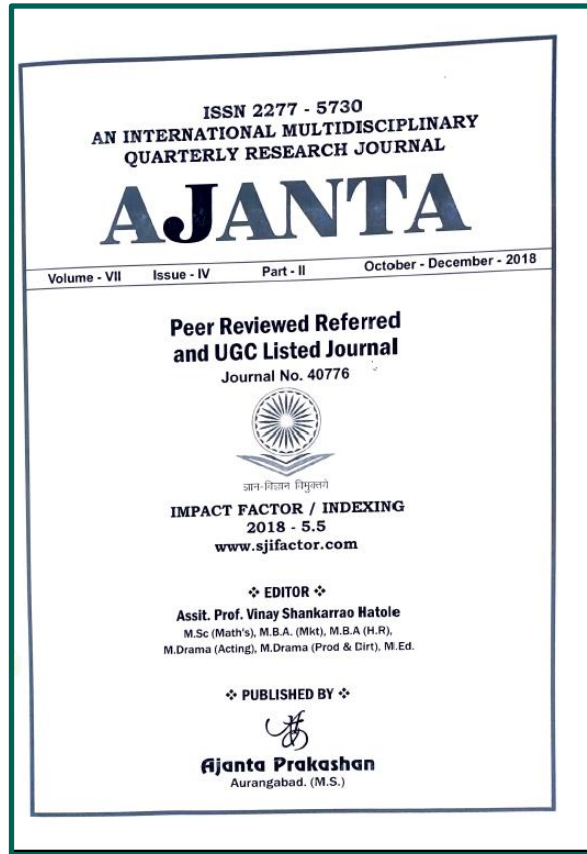
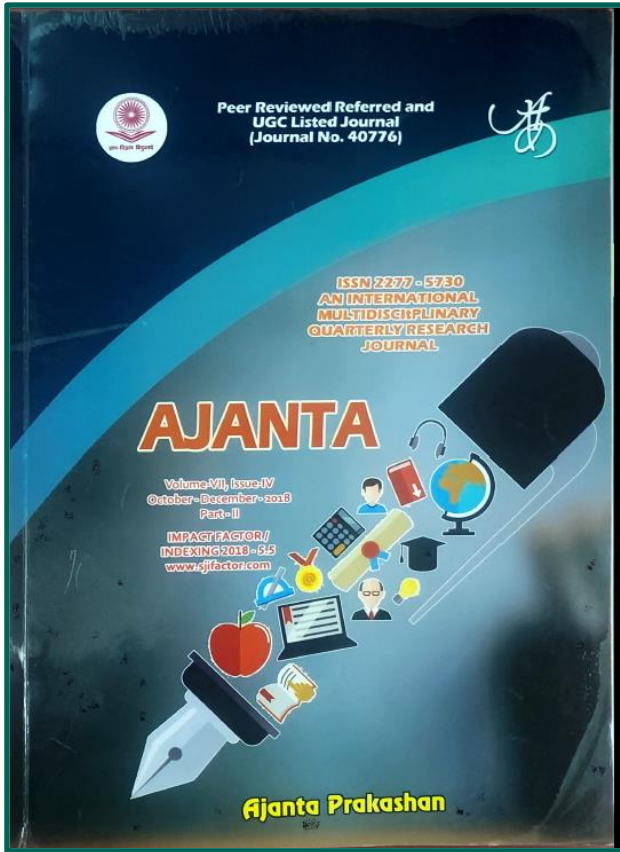



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Dr. Deepa Sathe

Name of the Journal: International Multidisciplinary Quarterly Research Journal

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15. An Overview of Brand Management – YEWALE AMRUTTULYA

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Abstract

'Brand Management' is one of the initial steps which any organization plans for the success of the product and hence the organization. The research paper aims at understanding Strategic Brand Management, its theoretical framework and application. Further, it studies Brand Management Strategy practiced by YEWALE AMRUTTULYA – A chai shop. A famous chai shop recently has become more popular across Pune City. The research study overviews the strategies opted by the YEWALES' and conclude with suggestions.

Key words: YEWALE AMRUTTULYA, Brand Positioning, Brand Performance, Brand Equity, Strategic Brand Management

Introduction

Strategic Brand Management includes Identification & Introduction of Brands, Measuring Brand Loyalty, Establishing Brand Positioning & Planning & Implementation of Brand Marketing, Measuring Brand Performance, Growing and sustaining Brand Value.

Steps

1. Introduction of Brands: It is initial step where the Brands are identified. It includes establishing elements to your product in form of Name, LOGO, key colours so on and so forth to articulate your product.
2. Identification and Measuring Brand Loyalty - It studies the brand identity. It aims at finding the brand communicated by the organization and how is it perceived by the consumers. When it comes to measurement, it consists of taking and evaluating the feedback of consumers.
3. Brand Positioning – It consists of creating unique impression in the minds of consumers. It penetrates the product all over market understanding the need of the market and target consumers. It is the key of marketing strategy, helps in occupying distinctive place and value.




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Mrs. Manasi Joshi

Name of the Journal: Anveshana's International Journal Of Research In Regional Studies, Law, Social Sciences, Journalism And Management Practices

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A STUDY OF EMPLOYEE TRAINING AND WELL BEING PRACTICES OF SELECTED BANKS IN INDIA

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ABSTRACT

Human resource is very precious for any organization. Proper care of employees should be taken. Their satisfaction is of utmost important. Employee development is possible by proper training. Their well being is very important for their satisfaction. Many work problems may occur if employers do not take care of the needs of employees. Every person wants to grow further and also wants to get satisfaction while serving. Because nobody can work for a longer period in one organization for money only. So management of any organization must pay attention to employee training and well being practices. Objectives of this research paper are to study and understand such practices followed by the selected banks in India. Researcher wants to study, whether these selected banks are serious about the well being of their employees. A Business Responsibility Report (BRR) which is a part of annual report. It gives guidelines which companies needs to report on the actions taken by them regarding following of their business practices. BRR has 9 principles and third principle deals with employee wellbeing practices. Researcher has studied this principle followed by the selected banks. This research paper is based on secondary data. It has been seen by the researcher that the selected banks take into consideration well being of their employees, training is provided for upgrading their skills and a proper balance between work and life of a women employee is also taken care.

Key Words - Well being, training and development, skill up gradation, BRR.



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