Khalsa College For Women

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KHALSA COLLEGE FOR WOMEN

VISTAS: KCW

Researchers' Viewpoint 2020

A Multidisciplinary Approach

Contents

युग पुरुष गुरु नानक देव :जीवन एवं विचारधारा

डॉ. चंचल बाला *

हमारे देश में समय–समय पर अनेकों संत–महात्माओं ने जन्म लिया है। गुरु नानक देव जी भी उनमें से एक हैं। गुरु नानक देव सिखों के प्रथम गुरु हैं। इनके अनुयायी इन्हें गुरु नानक, गुरु नानक देव जी, बाबा नानक और नानकशाह नामों से संबोधित करते हैं। गुरु नानक अपने व्यक्तित्व में दार्शनिक, योगी, गृहस्थ, धर्मसुधारक, समाजसुधारक, कवि, देशभक्त और विश्वबन्धुत्व सभी गुण समेटे हुए हैं।

हिन्दी–साहित्य के भक्तिकाल में युग पुरुष गुरु नानक देव जी निर्गुण भक्ति धारा की ज्ञान मार्गी शाखा के प्रमुख कवि थे। इनका जन्म संवत् 1526 (सन् 1469 ई.) में लाहौर के निकट स्थित राय भोय की तलवंडी नामक गाँव में हुआ था। जो अब पाकिस्तान में है तथा 'ननकाना साहिब' के नाम से जाना जाता है। आप की माता का नाम तृप्ता देवी तथा पिता मेहता कालू था। आप के पिता तरनतारन (जिला अमृतसर) के निकट स्थित गाँव पत्थेविन्ड के रहने वाले थे तथा इनके जन्म समय राय बुलार गाँव के पटवारी थे।

गुरु नानक देव जी बाल्यकाल में ही ध्यान मग्न हो कर आत्म–चिंतन में लीन रहते थे। इसी रीति से उनका अर्न्तव्यक्तित्व किसी अपूर्व ज्योति से उद्भासित रहा करता था। उनका बाह्य व्यक्तित्व भी उतना ही प्रखर तथा उद्भुत था। वास्तव में ही गुरु नानक देव जी का जीवन कर्मठ तथा क्रियाशील व्यक्ति का जन्म रहा है।

गुरु नानक देव जी की जीवनचर्या को ध्यान में रखते हुए उनके जीवन को चार विभिन्न युगों में बांट सकते है। 1. चिन्तन युग 2. साक्षात्कार युग 3. भ्रमण युग 4. स्थापना युग। तलवंडी का निवास चिंतन युग में आता है जहाँ उन्होंने ध्यान मग्न हो कर परम–सत्य, सृष्टि–सत्य, समाज–सत्य और व्यक्ति–सत्य का चिंतन किया है। तलवंडी बाल गुरु की क्रीड़ा स्थली है। जहाँ उनके बालोचित किन्तु अद्भुत कार्यों के दर्शन होते हैं। वे बाल सुलभ लीला करते हैं, अद्भुत पाठशाला में पढ़ना आरम्भ करते हैं– आपको पंडित गोपाल के पास हिन्दी, पंडित बृजलाल के पास संस्कृत पढ़ने के लिए तथा मौलवी के पास फारसी पढ़ने के लिए भेजा जाता है –तो अपने आध्यात्मिक ज्ञान से अपने शिक्षकों को हैरान कर देते है। सर्प की छाया, खेतों का हरे–भरे होना इत्यादि घटनाएं यद्यपि श्रद्धा की दृष्टि से घटित हुई मानी जा सकती है तो भी इनका लाक्षणिक मूल्य अवश्य है।

गुरु नानक देव जी का विवाह बटाला निवासी मूलचन्द की पुत्री सुलक्षणी जी के साथ हुआ जिनसे इन्हें दो पुत्र रत्न प्राप्त हुए जिनके नाम श्री चन्द और लखमीदास थे।

सन् 1499 में गुरु नानक देव जी जिला कपूरथला में स्थित सुल्तानपुर लोधी में अपनी बहन नानकी जी के पास आ गए। वहाँ उनके बहनोई ने इन्हें वहां के गवर्नर दौलत खां के यहाँ मोदी की नौकरी दिलवा दी। यहीं उन के तोलने और तेरह के स्थान पर 'तेरा तेरा' रटने की कथा भी विख्यात है। यहीं इनके बेई नदी में प्रवेश करने, तीन दिन तक अदृश्य रहने की घटना घटी जिससे उन्हें सच्चे ज्ञान की प्राप्ति हुई। यहीं इन्होंने न को हिन्दू न को मुसलमान' की घोषणा की थी। जीवन के इस भाग में गुरु नानक देव जी ने जिन अद्भुत कार्यों का सम्पादन किया, उनमें लोगों को आध्यात्मिक, धार्मिक एवं नैतिक सन्देश देना प्रमुख है।

सन् 1500 से सन् 1521 ई. गुरु नानक देव जी ने चार यात्राएँ की जिनमें आपने अनेक देशों एवं प्रान्तों में अपने मानवतावादी विचारों का प्रचार किया। वे हिन्दुओं के लगभग सभी तीर्थ स्थानों पर गए और वहाँ के पंडितों को रागात्मक–भक्ति का उपदेश देकर उनका हृदय परिवर्तन किया। वे मुसलमानों के तीर्थ स्थानों मक्का मदीना, बगदाद, बलख बुखारा आदि स्थानों पर भी गए। सन् 1521 में बाबर के ऐमनाबाद पर आक्रमण को गुरु नानक देव जी ने अपनी आँखों से देखा।

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A Study of Projection of Women in Advertisements: A Sociocultural Examination of Gender Role

Dr. Manpreet Kaur*

Abstract: There is hardly any sphere of life in which Indian women have not taken part and shown their worth. Women exercise their right to vote, contest for parliament and assembly, seek appointment in public office and compete in other spheres of life with men. Advertisers strive to engage consumers through their choice of message tones. They have been using a wide variety of emotions to initiate the desired response. The roles of men and women have changed. The world of the Indian woman is no longer limited to the four walls of her home and the Indian male has to chip in with household chores. This paper is an attempt to study sociocultural examination of women role in advertisements through content analysis and factor analysis. It can be concluded by saying that advertisements which depict extremely degrading representation and well clad women could not attract much attention of the consumers.

Introduction

The worth of a civilization can be judged by the place given to women in the society. One of several factors that justify the greatness of India's ancient culture is the honorable place granted to women. There is hardly any sphere of life in which Indian women have not taken part and shown their worth. There are many women working in the Central Secretariat. They are striving very hard to reach highest efficiency and perfection in the administrative work. Their integrity of character is probably better than men. Generally it was found that women are less susceptible to corruption in form of bribery and favoritism. They are not only sweet tongued but also honest, efficient and punctual in their jobs as receptionists, air-hostesses and booking clerks at railway reservation counters.

Role of women in advertising

Decorative Role- Decorative models are passive and non-functional and their primary activity is to adorn the product / service as a sexual attractive stimulus. They are like mannequins with the east lifelike of roles. The importance of these ads is that women are not shown in passive poses, a pattern Portrayal that every study on gender roles has shown to be prevalent.

Independent Career Role- The independent career woman is the only woman involved in something that does not have to do with social success, home and family, or even her own femininity. She has stability and a substantial nature. She is portrayed infrequently.

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Distributed Database Problem areas, Approaches & Solutions

Manjit Singh*

Abstract: The distributed database system is the combination of two fully divergent approaches to data processing: database systems and computer network to deliver transparency of distributed and replicated data. The key determination of this paper is to achieve data integration and data distribution transparency, study and recognize the problems and approaches of the distributed database system. The distributed database is evolving technology to store and retrieve data from several locations or sites with maintaining the dependability and obtainability of the data. The main purpose of this paper is to study and identify the Issues and approaches of distributed database. In the paper we study the various problems areas in distributed database such as concurrency control, distributed database design, transaction management problems etc. Distributed database is a collection of multiple, logically interrelated databases distributed over a computer network. Distributed database would allow to end user to create and store data anywhere in the network where database is situated. While storing and accessing data from distributed database through computer network there are various problems such as deadlock, concurrency and data allocation using fragmentation and replication to manage these problems. It is necessary to design the distributed database carefully. The main objective of distributed database is to store the data where it is required.

Keywords– DDBMS, Availability, Computer Network, Distributed Database, Replication, Reliability.

Introduction

Distributed databases is defined as databases located at different machines at the same or different locations that looks like one centralized database to the end user. Thus, instead of having one centralized database bear the entire load, it is shared by a collection of machines/computers. It is actually a set of server machines working in synchronization to cater the needs to multiple users. These machines in a distributed system are connected to each other either through wireless connection or through various communication media that serve data transfer at high rate. The machines don't have a shared memory nor do they share a clock.

A logically interconnected group of collective data, materially distributed over a computer network or a system contains a group of sites linked together via communications network. Each site is a database structure site where all the sites allow to worktogether, so that a user at any site can access data anywhere in the network where data stored at the user's own site that looks like one centralized

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Internet of Things: A Security Perspective

Dr. Rakesh Kumar*

Abstract: It has been observed that the artificial intelligence is power, information security is the paradox and the concept of big data is new gold rush for the researchers and academicians. The information infrastructure is exposed to a variety of cyber threats resulting in loss of confidentiality, integrity and availability of data. The severity of cyber exploits is negatively affecting the protection confidence of information assets, likewise adequacy and effectiveness of cyber security people, process, policy, and technologies. Moreover, the average cost of a data breach is rising at rate of 15 percent with every passing year. These security threats are posing new problems for big data and IoT. It is, therefore necessary to design and implement security policies and guidelines well in advance for success of internet of things.

Keywords: IoT, Security, Vulnerability, Threats

1. Introduction

The cyber security risk management consists of risk assessment, mitigation and evaluation. The cyber security risk management, framework can help to manage acceptable risks-controls adequate for the key mission security capabilities and assurance. The objective of cyber security risk management includes:

(1) The protection of information assets, users, systems, database and IT processes.

(2) Accurate and efficient decisions support.

(3) Adequate and effective information systems governance, risk management, and compliance.

The cyber security risk assessment consists of risk identification, risk analysis, and risk impacts. Cyber security ensures reliable risk-control over incidence response, disaster recovery, asset loss prevention and the protection of a good public reputation.

There is no single object that can be described as the IoT infrastructure. The existing structure is very complex, disparate systems and uneven networks. The IoT rollout will depend on internet hosts, network, cloud computing, and smart devices with embedded sensors, built-in artificial intelligence with millions of applications to support adoption of IoT. The IoT implementation challenge is the absence of truly global, integrated and homogeneous environments necessary to support all the IoT Platform.

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3D Search Engines

Kirandeep Kaur *

Abstract: Data retrieval and analysis have recently been a very active area of research. As the number of 3D models available on internet grows, there is an increasing need for a search engine to help people find them. Unfortunately, traditional text-based search techniques are not always effective for 3D data. The key challenges are to develop query methods simple enough for novice users and matching algorithms robust enough to work for arbitrary polygonal models.

1. Introduction

Searching for information on the Web is, for most people, a daily activity. Search and communication are by far the most popular uses of the computer. Not surprisingly, many people in companies and universities are trying to improve search by coming up with easier and faster ways to find the right information. A search engine is the practical application of information retrieval techniques to large-scale text collections. Search engines come in a number of configurations that reflect the applications they are designed for. The web creates new challenges for information retrieval. The amount of information on the web is growing rapidly, as well as the number of new users inexperienced in the art of web research. People are likely to surf the web using its link graph, often starting with high quality human maintained indices.

Computer technology has changed remarkably, which has a positive influence on the image processing community, such as computer vision, pattern recognition and image understanding. At the same time, computer vision technology has also developed rapidly. Computer vision gathers physical objects of the real world, based on the data that are taken through a variety of sensors and carries out optical recognition that describes an object with those, which are necessary for a computer to make decision. However, the web does not just contain text pages, but a lot of non-textual data as well, such as images, sound files, or CAD models. Many so-called specialized search engines targeting these specific kinds of data have been developed. Perhaps the biggest such search engine is Google Image Search, which indexes hundreds of millions of images. Other examples are FindSounds, a search engine for sound files, and MeshNose, a search engine for 3D models.

Many of these specialized search engines take advantage of the fact that even though the indexed objects are of a non-textual type, often they are annotated with descriptive text. The search engine then simply tries to match the user-entered keywords to this descriptive text. [1, 2]

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Energy Efficiency in Cloud Computing

Pritika Mehra*

Abstract: Energy efficiency is progressively more important for future information and communication technologies (ICT), because the increased usage of ICT, together with increasing energy costs and the need to reduce green house gas emissions require energy-efficient technologies that reduce the overall energy utilization of computation, storage and communications. Cloud computing has recently received significant attention, as a promising approach for delivering ICT services by improving the utilization of data centre resources. In this paper, various techniques and algorithms are investigated for the energy efficiency in cloud computing.

Keywords: Cloud computing, energy efficiency, DVFS, virtual machine, migration, HPG

1. Introduction

Cloud Computing as per NIST is, "Cloud Computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction." Now-a-days most of the business enterprises and individual IT Companies are opting for cloud in order to share business information. The main expectation of cloud service consumer is to have a reliable service. To satisfy consumer's expectation several Data centers are established all over the world and each Data center contains thousands of servers on which business information is stored and applications are run. Small amount of workload on server consumes 50% of the power supply. Cloud service providers ensure reliable and load balancing services to the consumers around the world by keeping servers ON all the time. To satisfy this, cloud service provider has to supply power continuously to data centers which leads to huge amount of energy utilization by the data center and simultaneously increases the cost of investment. Data center which includes servers, cables, air conditioner, network etc. consumes more power and releases huge amount of Carbon dioxide (CO_2) to the environment.

The major challenge faced in cloud computing is utilization of energy efficiently and hence develop an eco-friendly cloud computing. There are multiple techniques and algorithms used to minimize the energy consumption in cloud.

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Survey of Load Balanced Routing Protocols in MANETs

Dr. Mandeep Kaur Gulati *

Abstract: A mobile ad hoc network (MANET) is a collection of wireless mobile hosts forming a temporary network without the aid of any stand-alone infrastructure or centralized administration. Mobile Ad-hoc networks are self- organizing and self-configuring multihop wireless networks where, the structure of the network changes dynamically. This is mainly due to the mobility of the nodes. Nodes in these networks cooperate in a friendly manner to engage to the mobility of the nodes. Nodes in these networks cooperate in a friendly manner to engage themselves in multihop forwarding. The nodes in the network not only act as hosts but also as routers that route data to/from other nodes in network. MANETs require an efficient routing protocol that achieves the Quality of Service (QoS) mechanism. Routing protocol should be fully distributed; adaptive to frequent topology change, have easy computation & maintenance, optimal and loop free route, optimal use of resources and minimum collisions. MANETs consider the shortest path with minimum hop count as optimal route without any consideration of traffic and thus degrade the performance of the network. Therefore it is very essential to consider load balancing issue in routing mechanism. This paper mainly focuses on the survey of various load balanced routing protocols for efficient data transmission in MANETs.

Keywords: MANET, Load balancing, QoS, Delay, Network Traffic, throughput, performance, battery power

1. Introduction

In Ad hoc networks, it is essential to use efficient routing protocols that provide high quality communication. The nodes in MANET have limited bandwidth, buffer space, battery power etc. So it is required to distribute the traffic among the mobile hosts. A routing protocol in MANET should fairly distribute the routing tasks among the mobile nodes. An unbalanced traffic/load distribution leads to performance degradation of the network. Due to this unbalancing nature, few nodes in the network are highly loaded with routing duties which causes the large queue size, high packet delay, high packet loss ratio and high power consumption. This problem leads to the solution of load balancing routing algorithm for MANET.

2. Ad-hoc network

MANET consists of mobile hosts equipped with wireless communication devices. The main characteristics of MANET is that it operates without a central coordinator, rapidly deployable, self configuring and provides multi-hop radio communication.

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Comparative Study of Ipv4 and Ipv6 Addressing Scheme

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Abstract: Every machine on a network has a unique identifier. Computers use this unique identifier to send data to specific computers on a network. Most networks today, including all computers on the Internet, use the TCP/IP protocol as the standard for communicating on the network. In the TCP/IP protocol, the unique identifier for a computer is called its IP address. There are two standards for IP addresses: IP Version 4 (IPv4) and IP Version 6 (IPv6). All computers with IP addresses have an IPv4 address, and many are starting to use the new IPv6 address system as well. In this paper I have discussed relative difference between IPv4 and IPv6 addressing schemes.

Introduction

IP (short for Internet Protocol) specifies the technical format of packets and the addressing scheme for computers to communicate over a network. An Internet Protocol address (IP address) is a numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication. An IP address serves two main functions: host or network interface identification and location addressing.

Internet Protocol Versions

There are two versions of IP in use today, IPv4 and IPv6. The original IPv4 protocol is still used today on both the internet, and many corporate networks. However, the IPv4 protocol only allowed for 2^{32} addresses. This, coupled with how addresses were allocated, led to a situation where there would not be enough unique addresses for all devices connected to the internet. IPv6 was developed by the Internet Engineering Task Force (IETF), and was formalized in 1998. This upgrade substantially increased the available address space and allowed for 2^{128} addresses.

IPv4

IPv4 addresses 32 bit binary addresses (divided into 4 octets) used by the Internet Protocol (OSI Layer 3) for delivering packet to a device located in same or remote network. MAC address (Hardware address) is a globally unique address which represents the network card and cannot be changed.

IPv4 address refers to a logical address, which is a configurable address used to identify which network this host belongs to and also a network specific host number. In other words, an IPv4 address consists of two parts; a network part and a host part.

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Applications of Software Metrics in Complex Networks

Nirmaljit Singh*

Abstract: With the rapid development in the field of Complex Networks, the scale and need of realistic networks is increasing continually. Our life is full of all kinds of networks. These networks have identical characteristics, enormous number of nodes and complex interactions. Networks with complex topological properties are called complex network. Complex networks are major tools for studying the association between the organization and purpose of complex systems. Measurements are needed almost in every walk of life. It is important to have knowledge of various measures that the topic is part of pre primary classes too. In this paper I will discuss the applications of software metrics in complex networks and their advantages.

1. Introduction

Complex networks are characterized by vastly heterogeneous allocation of links, often spread through the presence of key properties such as heftiness. From the research evidence in recent years, it has become obvious that complex networks are contender for breaking of collection sameness. Complex networks are all over the place in our universe. It is an forthcoming multidisciplinary field of research that is scattered to many disciplines such as engineering, biology, sociology, physics and economics coupled biological and chemical systems, neural networks, social interacting species, the Internet and the World Wide Web. The link prediction problem in complex networks craft predictions about the future organization of the network. Link prediction methods are developed by using properties of nodes and their relationships in complex network. Network is represented as a graph. The data in the network is signified by nodes, and the relations are represented by links. The future of non-connected links amid node pairs is predicted. Calculations such as likelihood of link formation in the future can be done according to the shortest path or link state between the two nodes

2. Metrics and Measurement

Measurements are needed almost in every walk of life. It is so common and important to have knowledge of various measures that the topic is part of pre primary classes too.

We start our discussion with currency notes. In India we have currency starting from rupee one note to rupee thousand. What does make rupee thousand note more valuable? Answer will obviously be the measure it represents. Let us take another example. If the distance from Amritsar to Jandiala is 25 km (kilo meter) and that of Jalandhar from Amritsar is 80 km, then which one is nearer to Amritsar? Answer

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CAPTCHA: Vulnerabilities and Future Aspects

Geet Bawa*

Abstract: CAPTCHA; now-a-days; is an almost standard security technology, and has found widespread application in commercial websites. CAPTCHA (Completely Automated Public Turing test to tell Computers and Humans Apart) is a challenge-response system test designed to differentiate humans from automated programs. Usability and robustness are two fundamental issues with CAPTCHA, and they often interconnect with each other. This paper discusses various limitations, challenges and vulnerabilities of the current CAPTCHAs being used and addresses the new design of more protected CAPTCHAs. Some of these issues are intuitive, but some others have subtle implications for robustness or security. Section 1 introduces the term CAPTCHA, its uses and some of the work done by others in this field. Section 2 explains how a CAPTCHA is verified for correctness and also addresses different approaches to CAPTCHA designs. Section 3 presents various limitations faced by current CAPTCHAs being used these days. Section 4 discusses some problems in CAPTCHA and introduces with the solution to this problem; namely; SAPTCHA. Section 5 shows the result of using SAPTCHA in place of CAPTCHA. Section 6 concludes the methodology and section 7 discusses the next generation of CAPTCHAs.

Keywords: CAPTCHA, bots, Optical Character Recognition, distorted text, SAPTCHA, HCI (Human Computer Interaction), 3-D CAPTCHA

1. Introduction

The term "CAPTCHA" (based upon the word capture) was introduced in 2000 by Luis von Ahn, Manuel Blum, Nicholas J. Hopper (Carnegie Mellon University), and John Langford (IBM). CAPTCHA differentiates between human and internet bots by setting some task that is easy for most humans to perform but is more difficult and time-consuming for current bots to complete. Typically a CAPTCHA has text in different fonts, colors and angles that make it difficult for a computer program to read but hopefully not for a human. CAPTCHA was first used in 2000, in order to prevent spammers and bots from making spam and generating fake email accounts.
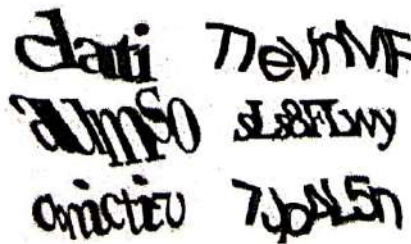

Figure 1: Some Examples of CAPTCHAs

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Geographic Information System

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Abstract: Maps have been used for thousands of years, but it is only within the last few decades that the technology has existed to combine maps with computer graphics and databases to create geographic information systems. GIS software is designed to capture, manage, analyze and display all forms of geographically referenced information. GIS enables us to visualize, understand, interrogate, interpret, and visualize our world in ways that reveal relationships, patterns, and trends in the form of maps, globes, reports, and graphics .GIS software helps the user to answer questions and solve problems by viewing your data quickly and easily on a map.

1. Introduction

A geographic information system (GIS) is a system designed to capture, store, manipulate, analyze, manage, and present spatial or geographic data. GIS applications are tools that allow users to create interactive queries (user-created searches), analyze spatial information, edit data in maps, and present the results of all these operations. GIS can refer to a number of different technologies, processes, techniques and methods. It is attached to many operations and has many applications related to engineering, planning, management, transport/logistics, insurance, telecommunications, and business. For that reason, GIS and location intelligence applications can be the foundation for many location-enabled services that rely on analysis and visualization.

GIS can relate unrelated information by using location as the key index variable. Locations or extents in the Earth space–time may be recorded as dates/times of occurrence and x, y, and z coordinates representing, longitude, latitude, and elevation, respectively. All Earth-based spatial–temporal location and extent references should be relatable to one another and ultimately to a "real" physical location or extent. This key characteristic of GIS has begun to open new avenues of scientific inquiry. GIS is used to display and analyze spatial data which are tied to databases. This connection is what gives GIS its power: maps can be drawn from the database and data can be referenced from the maps. When a database is updated, the associated map can be updated as well. GIS databases include a wide variety of information including: geographic, social, political, environmental, and demographic.

2. Components of GIS

2.1 Hardware

Hardware is the computer on which a GIS operates. Today, GIS software runs on a wide range of hardware types, from centralized computer servers to desktop computers used in stand-alone or networked configurations.

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Sustainable Fashion

Sharina Mahajan*

Abstract: Sustainable fashion is a movement and process of fostering change to fashion products and the fashion system towards greater ecological integrity and social justice. Sustainable fashion concerns more than addressing fashion textiles or products. It comprises addressing the whole system of fashion. This means dealing with interdependent social, cultural, ecological and financial systems. It also means considering fashion from the perspective of many stakeholders - users and producers, all living species, contemporary and future dwellers on earth. Sustainable fashion therefore belongs to, and is the responsibility of citizens, public sector and private sector. A key example of the need for systems thinking in fashion is that the benefits of product-level initiatives, such as replacing one fiber type for a less environmentally harmful option is eaten up by increasing volumes of fashion products. An adjacent term to sustainable fashion is eco fashion.

Keywords- Sustainable, ecological, environmentally, Green Strategy,

Introduction

The term 'sustainability' refers to any system designed to exist in a balanced state. In an ecological context, sustainability would be achieved when all that is taken from the environment can be renewed. By applying the concept of sustainability to fashion, 'Sustainable Fashion' can be defined as a system in which supply, production, and consumption of fashion products have been designed in a way that ensures environmental, social and economic sustainability. When it comes to fashion, sustainability takes many expressions - sustainable fashion, ethical fashion, fair trade fashion and slow fashion being the most common. There are several terms that are being used by brands, practitioners, and academics to explain the different notions lying beneath the concept of sustainable fashion, such as eco-fashion, ethical-fashion, organic-fashion, green-fashion, vegan-fashion and so on.

Sustainable fashion or eco-fashion is a revolution to enhance the consumer's awareness of social and environmental concerns on the clothing manufacturing sector. Sustainable fashion has become a big, booming business that is no longer limited to niche designers. Sustainable and recyclable materials are now making their way into boardrooms and onto catwalks. Sustainable fashion is becoming more readily available and affordable.

Today, there is a growing awareness about the lifestyle factors that are linked to pollution and climate change. These include the consumption of animal products and

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Home Textiles

Ambica Khurana*

Abstract: We fill our lives with **textiles**, textiles are not always purely functional but for decorative reasons, and one place where we see the union of function and fashion is inside our homes. A home is one of the most memorable investments that a man makes in his lifetime. Therefore it will always remain beautiful, new & full of memories." Home textile is a branch of technical textile comprising application of textiles in household purposes. Home textiles are nothing but an internal environment, which deals with internal spaces and their furnishings. Home textiles are mainly used for their functional and aesthetic property which provides the mood and also gives mental relaxation to the people. A home textile is a branch of technical textile comprising application textile in household purposes.

Keywords: household textiles, technical, furnishings, interior, aesthetics,

Introduction

The Textile industry has encompassed each and every product that can fill colors of newness and excitement to our life. Textiles touch our daily lives, from casual wear to household textiles to more technically advanced materials used in medical applications to industrial products. Home textile is true example of the most experimented sphere of textile. Home textiles are not just any textile within a residence it is specifically tied to the interior of a residence, functionally and aesthetically.

The home textile is recognized as an important part of technical textiles. Home textiles can transform a house into a home. Home textiles are nothing but an interior environment, which deals with interior spaces and their furnishings. They make our lives more comfortable, and give our interiors a defined aesthetic characteristic. Home textiles can be defined as the textiles used for home furnishing.
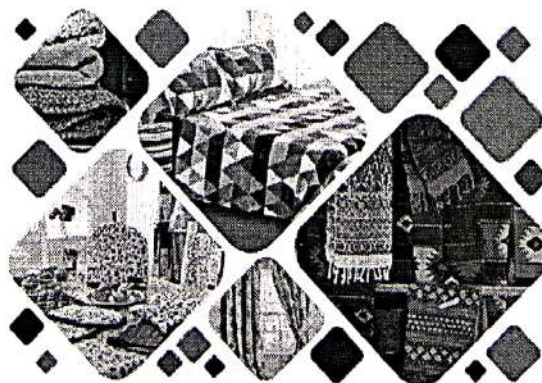
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PLUS SIZE CLOTHING

Prabhjot Kaur*

Abstract: Plus size clothing is an extra-large size category of clothing, especially for women. Outstanding plus sized dresses are being designed by special designer whose first mindset is the exact size of every extra size women. A plus size refers to a larger body scale which is usually from size 14 (size 16 in the UK) and up. Women plus clothing is made to complement the bigger scale of a full-figure woman. There is a wide selection of stylish plus size clothes on the market today. There is growing awareness and advocacy within the fashion and beauty industry to design more clothing for plus-sized women and to promote body-positivity.

Keywords: Euphemistic, Measurements, Dimensions, Physical, Proportioned.

Introduction

Plus size clothing is clothing proportioned specifically for people whose bodies are larger than the average person. Basically, an extra-large size category of clothing, especially for women. The application of the term varies from country to country, and according to which industry the person is involved in. In the fashion industry, plus size is identified as sizes 18 and over, super size as sizes 1X-6X and extended size as 7X and up. A relatively new alternative term for plus size (or large size) gaining consumer and editorial favor is curvy. In a euphemistic sense, curvy is regarded as less offensive to those that wear larger sized clothes.
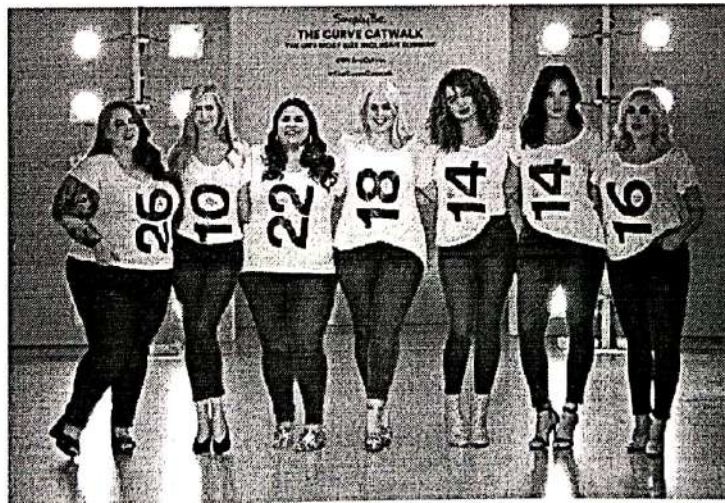
As it so happens, the term "plus size" was born in the early 20th century and largely popularized by Lane Bryant, a store that was not always focused on larger sizes, that in 1922, began advertising "Misses Plus Sizes" which offered larger versions of clothing in the "misses category" meaning exclusively for women. Five years after

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CLOTHING FASTNERS

Manjot Kaur Sandhu*

Abstract: A fastener is the essential part of a fastening system used to hold together at least two pieces of material. It is typically a single item (button) that often works in concert with another device (buttonhole). Apparel fasteners may be permanent or temporary. Permanent fastenings, such as stitching and fusing, create form and shape in tailored garments. Temporary fasteners take many forms, including basting used to hold fabrics in place before permanent machine stitching is applied.

Keywords: Penannular, Onesie, Grommets, Inarguably

Introduction

Fasteners have a very functional role in a garment. They help the opening of fabrics to close exactly and correctly.They also serve as a decorative element. The Chinese frog fastener is one such decorative fastener which is functional as well as decorative. An exposed zipper serve as a fashion touch in many garment. The lacing through eyelets which serve as fastenings for corsets add to the beauty of the clothing. The decorative effect should be congruous with the style of the rest of the garment or it will look odd.

The concept of bone buttons of the early humans but definitely things have improved since they were used. The variety of fasteners now available to us when we sew is marvelous. The ease and efficiency of the fasteners are also greatly improved. The earliest apparel fastenings can be traced to the Mesolithic era, when needles were used to stitch materials together, and to the age of metals, when evidence of bone buttons and a safety pin-like device are found. The Bronze Age introduced forerunners of the buckle with the brooch and pin concept and the penannular, a sliding pin on a U-shaped element. The first written record of buttons is from the twelfth century (Epstein and Safro 1991). Modern developments have improved on old concepts and added ease and efficiency in fastening garments. The sewing machine increased the speed of stitching fabric pieces together and facilitated production. The zipper, introduced in the late 1800s, has evolved from a bulky mechanism made of metal hooks and eyes, to interlocking metal teeth, to plastic coils, to extruded all-in-one devices. Velcro was invented after World War II and has applications in industry and fashion. New technologies in adhesives and fusible have influenced the speed of apparel production and the appearance of apparel.

Something to keep in mind when sewing fasteners:

- The fasteners should match correctly on both sides of the garment for it to hang correctly.

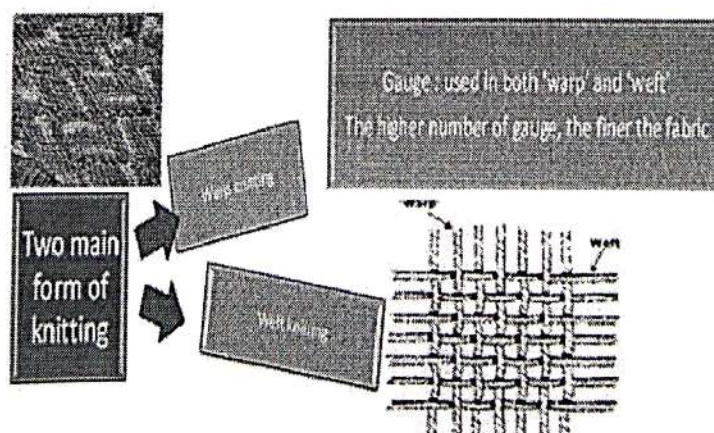* Assistant Professor, PG Department of Fashion Designing

IMPORTANCE OF KNITTING AND ITS STITCHES IN TEXTILE WORLD

Mehak Seth*

Abstract: Knitting refer to the act of designing and executing "beautiful" new patterns. Knit stitch is the basic requirement for the preparation of knitted fabric. An experimental work was offered to understand the influence of knit stitch on performance of the fabric. The present study moves around the raw material and knit stitches used for the knitting of the samples. Here, two types of machine knitted fabrics viz; rib and tuck were selected where the other parameters were constant. The performance study of the fabric was done on the basis of physical tests related to durability, strength, maintenance, aesthetic appearance etc. The results reveal that variable (two knit stitches) had significant effect on performance of the fabrics. Technology optimization will yield in reduced production costs, while geometrical modeling and predictive calculations of the physical and structural properties of textile complex structures will result in performs with tailored properties. Knitted performs are particularly suited for the rapid production of composite components with complex shapes due to their low resistance to deformation and minimum material wastage.

Keywords: knitting, rib and tuck, material wastage, technology, geometrical, predictive.

Introduction: Knitting is a method by which thread or yarn may be turned into cloth or other fine crafts. Knitted fabric consists of consecutive loops, called stitches. As each row progresses, a new loop is pulled through an existing loop. The active stitches are held on a needle until another loop can be passed through them. This process eventually results in a final product, often a garment.

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FASHION TRENDS

Amrit pal kaur Uppal*

Abstract: Fashion trends allow an individual to feel more lively and confident about themselves. People who stay in tune with the latest fashion trends for men find it easy to create a positive first impact. A person's dressing expresses his standard of living which is an important part of their identity.

Introduction

A trend is a general direction into which something is changing, developing, or veering toward. The term may also mean a fashion or craze, i.e., a fad. The verb 'to trend' means to develop or change in a general direction. In the world of social media, if something trends it is the topic of many posts.
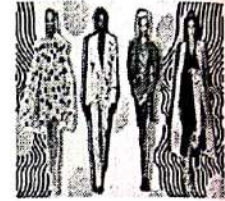
In the world of business, a trend is a pattern of gradual change in a process, output, or condition. It is an average or general tendency. If I say: *"There has been a trend towards shorter-term mortgages,"* it means more people are now taking shorter-term mortgages. In other words, there has been a **tendency** towards shorter-term mortgages.

A *trend* simply reflects what seems to be going around at any given time. A *trend* can be in any area and doesn't only reflect fashion, pop culture and entertainment. There can also be a *trend* in the stock market to be bullish or bearish, depending on economic indicators, or a political trend reflecting a nation's current mood. Some trends are fun, some fabulous, some appalling, but however long they last, you can be sure there will always be a new *trend* coming along to replace the old. These Are the Trends That Fashion's Early Adopters Will Be wear now.

The most impactful Trends in the year 2020 we fashion people are impatient. And let's be honest, we're probably *not* going to hold out all the way until spring to jump on some of the coolest new styles we spotted on the runways. So today we're sharing the biggest S/S 20 trends that fashion girls can start wearing right now. Hot pants, crochet, and '90s naked dresses had a huge presence on the spring runways the seven trends below are styles that we can easily add into our fall and winter wardrobes right now (just add layers).

From '60s wallpaper prints to heeled loafers (they're back) and Bermuda shorts, Here's to what's next in fashion.

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Impact of Fashion on Students

Krishma*

Abstract: This is a technology of fashion and fashion is very influential in our lives. In truth, it provides diversity to our lives by using providing a factor of enthusiasm to strive for something new and exceptional, otherwise, it'd be a humdrum lifestyle if we were supposed to dress up and act within the equal manner Fashion impact can be positive, the trend a student follow must reflects their ideal celebrity as a student wearing a stylish bags, glasses, watches, and any other fashionable item. Fashion for a student is all about what they had been coping from trends from being classy to simple. The decorum a student possesses can be good to be fall on their attire too. Being fashionable is not wrong if its utilitarian in terms of a student, rejuvenate fashion trends connect them with the modernize world. Nowadays students are much forwarded toward what they exhibit, even when it's come to their sport wear, college wear, they have a specific dress selection code that they can change when fashion world fluctuate. Fashion makes a student more recognize, derivation of their personality through what they wear, site seeing of their perseverance and choice. Fashion is a floor where student make themselves to be different as well as revised.cop

Introduction

Fashion is an expression of a different style especially in clothing, shoes, accessories or makeup. It belongs to the style of doing something, searching exclusive and dealing with others. It encircles a huge variety of categorization like behavior, speech, actions, manners, and lifestyle. There is a great deal highbrow discussion over fashion and apparel and their importance within cutting-edge society.

The decade of 1920 is called the Age of Flaming Youth because of its wild and jazzy expression. In this period the power of kids become set free in a Brand new way and no fashion seemed too ridiculous to emerge as a high fashion. Our world has globalized. Celebrities play a very important function in the lives of adolescents. We look up to their favorite icons to maintain themselves up to date. While watching television or the use of the net, they could without problems be attracted by way of an expansion of fashionable concepts.

Moreover, the students idealize their preferred celebrities and they usually have a choice to appear like them in order that they do their great to imitate the appearance and way of life. They use non-herbal way of expression, speech, and mannerism in their recurring lives which is noticeably synthetic.

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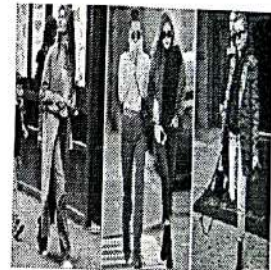
STYLE

Amanpreet kaur*

Abstract: Lifestyle is the interests, opinions, behaviors', and behavioral orientations of an individual, group, or culture. The term was introduced by Austrian psychologist Alfred Adler with the meaning of "a person's basic character as established early in childhood".

For example, in his 1929 book "The Case of Miss R.". The broader sense of lifestyle as a "way or style of living" has been documented since 1961.[3] Lifestyle is a combination of determining intangible or tangible factors. Tangible factors relate specifically to demographic variables, i.e. an individual's demographic profile, whereas intangible factors concern the psychological aspects of an individual such as personal values, preferences, and outlooks.

A rural environment has different lifestyles compared to an urban metropolis. Location is important even within an urban scope. The nature of the neighborhood in which a person resides affects the set of lifestyles available to that person due to differences between various neighborhoods' degrees of affluence and proximity to natural and cultural environments. For example, in areas near the sea, a surf culture or lifestyle can often be present.

Introduction

style is expressing yourself through what you wear, its a unique form of clothing or way of arranging your appearance. what do you think about when your hear someone use the word "style"? ... It's the total way of combination of way you dress, talk, move your body or do anything that matter.

Generally speaking, you know what style is. It's a way of presenting oneself to the world. To be "stylish" means to wear clothes that reflect the latest trends, with just enough originality to avoid seeming like a copycat. There are different styles of homes, cars, appliances, and even lives. Our personal lifestyle reflects where we choose to live, dress, recreate, and socialize. Style is everywhere.

1. Streetwear Style

This is an all-encompassing fashion style that evolved from the streets. It originated from the Californian surf and skate culture. But today major designers, brands and influencers all have embraced this style and it is not confined to the streets anymore. It is the epitome of modern urban fashion.

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Corporate Social Responsibility and Its Impact on Society

Dr. Suman Nayyar*

Abstract: In today's business environment, Corporate Social Responsibility has gained paramount importance. CSR also known as social performance or responsible business through its activities encourages a positive impact on the environment and society at large. The basic idea of Corporate Social Responsibility is that business and society are interwoven rather than distinct entities, therefore corporation / business entity should meet society's expectation. The industries should aim at developing techno-economically viable and environment friendly products and services for the benefit of millions of consumers. The concept of socialistic pattern of society, towards the civil rights movements, environmental protection and ecological conservations groups, increasing awareness of society towards corporate social contribution etc. have contributed towards the growth of nation.

Keywords: CSR, Environment Protection, Interwoven

Introduction:

CSR is a concept whereby companies decide voluntarily to behave ethical, legal and contribute to better society. In other words, operating a business in a manner that contributes to economic development while improving quality life of workforce, society at large and cleaner environment. Caroll has defined CSR as, "the social responsibility of business encompasses the economic, legal, ethical and discretionary expectations that the society has of the organization at a given point of time." Thus beyond making profits, companies are responsible for their impact on stakeholders which constitute company's employees, customers, business partners, investors, suppliers, government etc. However, CSR is not a charity but it is a core business strategy of an organization. In the last decade, growth of CSR is one of the most significant corporate trends. The concept of CSR turned out to be a vital strategy for businesses to survive in the cut-throat competitive market environment. Company's Social Responsibility can be depicted from this table:

Social groups	social transactions
Employees	Job Satisfaction
Customers /Shareholders	To satisfy them with quality services
Local Community	Effect on education, training, crime preventions, health centers and social clubs.
Minority Groups	Minority Hiring Training and Utilisation

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The Best of Both the Worlds: Striking A Balance Between Traditional Methods of Teaching and The Latest IT Tools

Dr. Namarta*

Abstract: Teaching today appears to have reached a block where there is a constant conflict between advocates of tradition and those who want to embrace the latest technology available. Many an argument can be heard between people who want to stick to tradition and traditional methods of teaching and those who call them 'old fashioned' and afraid of opening up. While it cannot be denied that technology nowadays is all pervasive and no one can imagine a life bereft of the convenience, ease and efficiency that the latest IT tools have to offer, there is a certain modicum of truth in the belief that the old methods of teaching and learning are not without their own inherent merits.

Introduction

The past generations who have learned through the traditional methods exhibit far better recollection, acumen and expertise than what the current generation can show. It cannot be denied that what they learned through whatever means that were available to them in the old days namely their teachers' experience and hold on their particular subjects did stand them in good stead in the long run. In this modern conundrum the best approach to a feasible, practical and long term solution is to work towards a compromise between the modern and the traditional. This paper attempts to highlight the best of both the worlds and also seeks to offer a solution that is acceptable to the advocates of both schools of thought.

With the latest advances in technology it is obvious to everyone that all that is and was traditional is on the very brink of being eclipsed by the glitz and glamour of technology if not completely moving into oblivion. The younger generation that is brought up on the staple and all pervasive diet of technology and apps hold all that is old in disdain. They lap up all that technology has to offer and are complacently giving up the traditional methods of learning and memorizing. But the picture is not the same for the older generation which finds itself caught between the old and the new. More often than not they continue to be bewildered by the complexities one has to overcome in order to come to fluent terms with the latest and the new. If there always existed a generation gap between two successive generations it has been widened into a veritable chasm by computers, internet and the omniscient World Wide Web where all information lies safe and secure and accessible to all who have the means and knowledge to make use of it. There is an ever prevalent tug of war between the two conflicting generations where the older generation wants to

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Innovative Teaching Methodologies in Higher Education

Dr Kamalpreet Kaur Sandhu*

Abstract: Conventional assessment methodologies in higher education are increasingly under the spotlight and it is uncertain in certain circles, if traditional methods are in fact as effective as they are believed to be. Since the quality of education is critical to a nation's success, it is important to interrogate a number of strategies and methods. Innovative teaching and learning methodologies such as short lecture, simulation, role-playing, portfolio development and **Spaced Learning Work** are very useful in addressing the rapid technological advances and developing workplaces that will be required in the foreseeable future. This article which is important in the broader transformation debate in higher education focuses on skills that can strengthen language acquisition and content knowledge for students.

Keywords: Traditional Methods, Simulation and role-playing, Innovative short lecture methodology.

Introduction

"Education is the manifestation of perfection already in man" – *(Swami Vivekananda)* All religions attach great importance to knowledge and education. Education is an important component of every society which could significantly contribute to a country's economic growth. In an era where technology enhancements and innovations are in their prime, there are many opportunities for innovative learning and teaching methodologies. Traditional teaching methods were primarily based on a teacher explaining a topic of a textbook; students were not active participants in the class. New teaching methods, however, encourage the students to take an active role in the class to awaken their curiosity and creativity.

Review of literature

McCarthy and Anderson (2000) conducted research to study, analyze and compare the outcomes of students taught by traditional methods with those of students taught by the active learning methodology.

The results of quizzes demonstrated that the students involved in active learning achieved higher scores than those who were taught by the traditional way. More studies are being conducted and several new methods are being introduced and applied experimentally to improve student productivity and output. In this respect, several methods have been introduced and utilized to measure the effectiveness of implemented educational methods.

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Advertisement on Facebook

Dr. Nitika Bhandari*

Abstract: The rise of social networking websites such as Facebook over the past decade has been a revolution in internet world. In beginning, it was regarded as nothing more than a chat application by trade specialists; this website has covered a lot of share of internet market, with more than 800 million active users. Display advertising is not anything new, atleast in the world of online marketing, it has been around since 1998 but advertisement on facebook came in existence in 2007 and is quite different from the other players of market like google ad sense. This is not to say that facebook provides immature advertising but it has certain unique features like adding a photograph, advertisement text upto 135 characters etc which all are discussed in the paper. Advertising on facebook will allow you to reach a wider scope of people since it has millions of users. Not only it is a cheaper compared to other modes of advertising, but it is very flexible and easy to use. This paper tries to analyze why social networks are important to businesses as an advertising medium and attempt to look at measurement methodologies for facebook ad engine identifies measurement pitfalls, pros and cons and provides strategy of advertising for business organizations.

Keywords: Facebook, chat application, active users, display advertising, online marketing, social networks.

Introduction:

Today the trend is to advertise through social media such as social networking sites because it is proven effective as thousands of people already have access to these social networking sites. Facebook is one of the most popular social networking sites. Established since 2004, facebook as a social networking platform has attracted lots of popularity. Basically Facebook is used as a means for connections and communications but now it has revolutionized the practices of businesses and organizations throughout the world. With the development of Facebook, businesses are taking advantage of advertising applications available through Facebook networking as they can target a specific age group or a specific culture according to their product. Businesses need not struggle to build relationship with customers because Facebook is about relationship marketing. In short Facebook provides businesses with ways to provide low cost and effective customer service.

Also charges for your advertisement will be according to number of clicks rather than time period which gives the assurance of reach of your advertisement campaign to a common man. Advertising on Facebook will easily spread business around since Facebook uses the "like" option. Facebook seems to have grip on our culture. People

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Penetration of Nutrition Labelling on Packaged Foods in India

Dr. Kiranjot Kaur* **Dr. Neeru Kapoor***

Abstract: Consumption behavior of the society has changed from home cooked food to processed and packaged food. In order to meet demand of customers, food industries are providing a wide variety of processed food. As type of foods consumed determines the health status of an individual, it increases the role of nutrition labelling. Providing adequate nutrition information on food labels can promote health and reduces the risk of chronic health problems like obesity, heart diseases and diabetes. Thus, nutrition labelling is an important public health tool to promote a balanced diet if there is a provision of adequate nutrients information on packaged foods. In India, Food safety and Standard Authority of India (FSSAI) regulates packaged food products. This authority has issued guidelines for disclosing nutrition information on food packages. So, the objective of this paper is to explore the level of disclosures of nutrition information on food labels. Through content analyses, 230 food packages have been evaluated and it is found that 98.70 percent food packages contained nutrition information. It is concluded that nutrition information is disclosed on food labels but consumers can reap maximum benefits out of it only when they understand the information provides to them.

Keywords: Disclosure, nutrition information, labelling, packaged foods

Introduction

Economic scenario in India has changed a lot in the past few decades due to changing lifestyles in both rural and urban areas. One of the major shifts is- changes in consumption behavior of the society. It has shifted from home cooked foods to processed and packaged foods (Kumar and Pandit, 2008). Demand for packaged food is increasing all over the world as it offers convenience and easy accessibility (Colby et al., 2010). In order to meet demand of customers, food industries are providing a wide variety of processed food. But due to imbalanced diet many health problems can occur like obesity, heart diseases and high blood pressure. Nutrition and health are closely related to each other. For a healthy life, nutritional diet plays a very important role.

It has positive impact on the health. On the other hand, undernourished diet leads to many diet related diseases. As more emphasis has been shifted to nutrition, it increases the role of nutrition labelling. Nutritional labels can be defined as the depiction of nutritional properties of food that is used to inform customers about the nutrient value (Guidelines on Nutrition Labelling, 1985). Providing nutrition information

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Ethics in Advertisements: A Review of Literature

Ritu Dhawan*

Abstract: Advertising, using media as its vehicle, is a pervasive, powerful force shaping attitudes and behavior in today's world. At times it goes beyond the traditional role of "fair and truthful" information and portraits obscene, undesirable and unethical scenes giving a detrimental result especially on the young population of the society. The ethical aspect of Indian advertisement is extremely important for restoration of our Indian culture, norms, ethics and heritage. It was revealed that law and religion effectively combined can make advertising ethical. Where law is concerned stricter regulations and greater autonomy to controlling and monitoring bodies is recommended. Where religion is concerned its use in ads is advocated to reacquaint the masses with basic values.

Keywords: Advertising, Unethical, Culture, Ethics, Society, Values

Introduction

Advertising today is a huge business and the existence of many industries (like the cable TV industry, newspapers, magazines etc.) is dependent on the inflow of money that it brings. As a result, advertisers try all types of tricks to get attention, and in certain cases this leads to the invasion of privacy of the individual (Singh and Sandhu, 2011). The main aim of advertising is to convince the consumers to buy the advertised product by influencing their thoughts and feelings and in order to achieve that, advertising practitioners employ several strategy and tactics. Stereotyping of gender is the most common strategy and practice employed by several advertisers to establish a strong connect with the brand since 'a lack of identification with the roles portrayed may reduce the attention, credibility, retention and subsequent recall of any advertisement' (Pollay & Lysonski, 1993, p. 39).Media plays the magic multiplier role in the process of development. The communication media accelerates the process of development by involving, persuading and transforming people. Media has proved to be one of the important instruments of social change in Indian society. In the corridors of the social change institutions, it is observed that media promotes consumer tastes and values, often alien to Indian culture and traditions. There is far too much sex and violence, portrayal of women is sexists and stereotypical (Panda, 2013).

Global media allegedly promotes Western values, cultural and life styles through advertising. Advertisements of Global Televisions channels also altering the social values of under developing and poor countries. The expansion of global advertising

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The Problem of Drug Addiction in India: its Consequences and Effective Measures

Jasleen Dua*

Abstract: Drug Addiction is a very severe problem in the region of Punjab which affects all aspects of an addict person's life. The whole state of Punjab especially the border regions are facing this problem. It has received greater attention in recent times due to the proliferating magnitude of the problem and the changing trends in usage of drugs particularly in youth. Drugs have started breeding their own sub-culture, which has its own norms, values, behaviour and symbols. This problem deteriorates an individual's health and happiness of an individual, the family, the community and the society. Today, there is no part of the world that is free from the curse of drug trafficking and drug addiction. The present study therefore aims to study the distinctive consequences behind the problem of drug addiction which impacts the masses physically, psychologically, economically and socially. It also manifests some possible solutions that could be taken by family, community, friends and society to eradicate this problem.

Introduction:

Drug Addiction has become a global public health and social concern today. It has received greater attention in recent times due to the proliferating magnitude of the problem and the changing trends in usage of drugs particularly in youth. People no doubt have been using and abusing drugs right from the beginning of civilization. Generally, drugs are meant to be used for the treatment of various ailments but these life saving drugs now have become life killing drugs and if they are used habitually by anyone then his body completely relies on them for its functioning. Drug addiction has actually become one of the crucial social problem from last three decades. It is also said that India has become not only an important transit centre for drugs but the prevalence of drug use is also increasing at an alarming rate. An unprecedented spurt in the development, drugs have started breeding. Their own sub-culture, which has its own norms, values, behaviour and symbols. This problem has serious implications for the health and happiness of an individual, the family, the community and the society at large.

According to the World Health Organization (WHO) drug abuse is persistent or sporadic drug use unrelated to acceptable medical practice. The picture is grim if the world statistics on the drugs scenario is taken into account. With a turnover of around

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DIASPORIC ELEMENTS IN MOHSIN HAMID'S NOVEL THE RELUCTANT FUNDAMENTALIST

*Samandeep Kaur Gill**

Abstract: The paper undertakes the study of the diasporic elements in the Pakistani novelist, Mohsin Hamid's novel *The Reluctant Fundamentalist. It delineates the key* issues related to the survival of the diasporic communities abroad i.e. -- the worriment of identity crisis, belongingness and the disillusioned dreams of the immigrants. Like every immigrant the protagonist, Changez, in the novel suffers from confusion and amazement amidst the uncertainties of his host land, America. His earlier enchantment with this heavenly land is blasted after 9/11 attack on the World Trade Centre. This, further, forms the major focus to show the sudden horrors and confusions in the lives of immigrants and natives in America. The vulnerable disposition of Changez in this new culture is scrutinized to determine one of the routes to the trouble of racial discrimination encountered by diaspora abroad. This paper also examines the causes leading to the outsiderness of a migrant in the land to which he has come to become a part. In addition, the initial satisfaction, hopeful survival and later alienation and disillusionment of Changez with the land of his dreams, America, illustrate the both cultural and reverse cultural shock suffered by him. Like every repatriate, Changez, during his first visit to his homeland, Lahore, experiences the difficulty of adjustment to his own house. He denounces the familiar elements of his home as being 'shabby' and 'dated' though he comes to term with all these complexities after a short duration. Finally, this research paper ends with finding a solid anchorage for Changez to resolve the various complications which his diasporic identity has created in his life.

INTRODUCTION

The term 'diaspora' has penetrated the academic world as an area of interest. The word diaspora has been derived from a Greek term 'diaspeirein' which means to scatter. Interestingly, diaspora refers to the section of people who emigrate from their ancestral country to a new land of opportunities still hoarding deep affection for their motherland. Even, 'Oxford Advanced Learner's Dictionary' defines diaspora as 'the movement of people from any nation or group away from their own country.'

In order to find out the elements of diaspora in the novel, it's required to know what these diasporic elements are. Firstly, diasporic communities retain a mythical vision of their native place during their long stay abroad and they also have a sense of pride for its history, accomplishments and geographical location. Many changes occur in their homelands since the times they have left those places. Secondly, they are also aware that they will never be accepted as a complete part of their host lands and they will suffer from a sense of loss and alienation.

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