

Motivations Based Segmentation of Indian Online Consumers

Devinder Pal Singh

Punjabi University Regional Centre for IT &
Management, Mohali, Punjab, India
E-mail: sidhudps@gmail.com



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Abstract

Internet proliferation coupled with growing disposable incomes has metamorphosed the Indian consumer behaviour. It has resulted in the emergence of myriad consumer segments. The extant literature is bereft of the knowledge on motives that drive the online consumer behaviour and the evolving online consumer segments. It mandates unravelling the motivations that shape the online consumer behaviour. More over it is necessary to identify the discernable consumer segments. This study aims to examine the underlying motivational structure driving the online consumer behaviour. Further, it intends to categorize Indian online consumers into discrete groups and develop an online consumer typology. The research employs exploratory factor analysis to understand the motivational structure. Hierarchical and K-means clustering are employed to cluster the consumers. It is envisaged that the findings of the study will aid marketers in targeting the consumers for achievement of their goals.

Keywords: Online Shopping, Shopping Motivations, Novelty Seeking, Information Search, Utilitarian, Hedonic, Online Behaviour.

INTRODUCTION

India is expected to emerge as a significant e-commerce market amidst the upsurge in consumer demand and Internet use. Substantial growth in the Internet density, increasing acceptability of online payments, the diffusion of internet-enabled devices and favourable demographics are the key drivers of the e-commerce revolution in the country (Ernst & Young, 2013). The country is expected to have the second largest Internet base by 2015 (McKinsey, 2012) and it is forecasted to be the largest e-commerce market in the Asia Pacific by 2016 (Forrester, 2012). The number of online consumers is expected to grow from 11 million in 2011 to 38 million in 2015 (Ernst & Young, 2013). Notwithstanding Internet's considerable percolation, it has not been accepted as an alternative retail channel (Khare, Singh and Khare, 2010). The Indian e-commerce market is still at an embryonic stage as only Indian youth make miniscule purchases for their individual use (Gupta, Handa and Gupta, 2008). The extant literature is short of understanding the online consumer behaviour (Beldona, Racherla and Mundhra, 2011). This necessitates the better understanding of the reasons that motivate consumers to shop online. Motivations are highly relevant constructs for retail marketing strategies (Wagner, 2007). It merits identifying the

motives affecting online shopping and the identification of discrete consumer segments.

Consumers' hedonic and utilitarian motivations predict their online purchase behaviour (Chen, 2012; Koo, Kim and Lee, 2008; Childers et al., 2001). Additionally 'information search' has been recognized as another online shopping motive (Yuliharsi, Islam and Daud, 2011; Liu and Forsythe, 2010; Rose and Samouel, 2009; Bigné-Alcañiz et al., 2008; To, Liao and Line, 2007; Noble, Griffith, and Adjie, 2006). Further, 'novelty seeking' has been considered as a salient motivation influencing consumer behaviour (Manning, Bearden and Madden, 1995; Hirschman, 1980).

Relying on the existent literature this paper examines the hedonic and utilitarian motivations for online consumer behaviour. Additionally it studies information search and novelty seeking as shopping motivations in the context of Indian e-commerce market. The study aims at unfolding the drivers of online consumer behaviour and has two objectives. The first objective is to identify the online shopping motivations and understand the underlying motivational structure in the Indian milieu. Second, it aims to identify and profile the sprouting online consumer segments.

LITERATURE REVIEW

Shopping motivations denote the reasons that propel customers to shop. They are the fundamental goals for all consumer activities (Chen, 2012; Arnold and Reynolds, 2003)

and a salient construct to understand shopping behaviour (Wagner, 2007). Recognizing the importance of the construct extant offline consumer behaviour research has proffered a gamut of motivational typologies: personal and social motivations (Tauber, 1978); anticipated utility, role enactment, negotiation, choice optimization, affiliation, power and authority, and stimulation motivations (Westbrook and Black, 1985); service motivation, economic motivation, diversion motivation, eating-out motivation, and social motivation (Kim, Kim and Kang, 2003); social, experiential and utilitarian (Wagner, 2007).

Research germane to online consumer behaviour has also identified a range of motivations: ease of use, usefulness, enjoyment (Davis, Bagozzi and Warshaw, 1989); information search, price information, uniqueness, product assortment, convenience, socialization (Noble, Griffith and Adjie, 2006); cost, convenience, time factor, enjoyment, risk (Huang and Oppewal, 2006); usefulness, ease of use, trust, and enjoyment (Ha and Stoel, 2009); ease of use, usefulness, enjoyment, convenience, information search (Liu and Forsythe, 2010); convenience, flexibility, temporal (Khare, Singh and Khare, 2010); product price, computer knowledge (Kim and Eastin, 2011); perceived usefulness, enjoyment and social pressure (Al-Maghrabi and Dennis, 2011); compatibility, usefulness, ease of use, security (Naseri, 2011). Notwithstanding the wide range of motivations in the existing literature they can be mainly categorized as

utilitarian and hedonic motivations (Babin, Darden and Griffin, 1994; Batra and Ahtola, 1990). Utilitarian and hedonic motivations are the primary antecedents of consumer behaviour (To, Liao and Lin, 2007; Guido, 2006; Childers et al., 2001).

Utilitarian and Hedonic Motivations

Utilitarian motivations refer to the functional benefits that stimulate consumers to buy a product. Utilitarian shopping aims at evaluating the functional and utilitarian aspects of products, and making the correct purchase (Fiore and Kim, 2007; Batra and Ahtola, 1990). Consumer decisions guided by utilitarian motivations are objective, rational and efficient (Farrag, Sayed and Belk, 2010). Utilitarian shoppers are usually task oriented and do not relish shopping, as they buy products to derive functional and utilitarian benefits (Babin, Darden and Griffin, 1994).

Hedonic motivations have been acknowledged to affect shopping behaviours (Arnold and Reynolds, 2003; Hirschman and Holbrook, 1982; Tauber, 1972; Levy, 1959). Hedonic motivations signify the experiential and recreational benefits that stir the consumer buying. They denote playfulness, escapism, and entertainment (Babin, Darden and Griffin, 1994; Hirschman and Holbrook, 1982). Hedonic motivations “relate to the multi-sensory, fantasy and emotive aspects of one’s experience with products” (Hirschman and Holbrook, 1982). Hedonistic consumers derive emotive gratifications from socialization, ambience, and browsing outside

the home (Dennis et al., 2010; Overby and Lee, 2006).

In the context of online shopping utilitarian motivations have been regarded as important reasons for consumers to shop online (Liu and Forsythe, 2010; Ha and Stoel, 2009; To, Liao and Line, 2007; Bridges and Florsheim, 2006; Overby and Lee, 2006). Some studies have recognized the prominence of hedonic motivations for online shopping (Yuliharsi, Islam and Daud, 2011). Existent research recognizes both utilitarian and hedonic motivations as predictors of online buying (Chen, 2012; Koo, Kim and Lee, 2008; Childers et al., 2001)

Information Search

Information search is an indispensable phase of consumer decision-making. It is an essential motive for online shopping (Yuliharsi, Islam and Daud, 2011; Liu and Forsythe, 2010; Rose and Samouel, 2009; Bigné-Alcañiz et al., 2008; To, Liao and Line, 2007; Noble, Griffith and Adjie, 2006). Consumers' pursuit for information motivates them to explore Internet. Consumers increasingly surf online to gather product related knowledge or just browse for pleasure (Demangeot and Broderick, 2007). Consumers spend resources like time and money in information search (Maity, Hsu and Pelton, 2012). Information search is a significant motivation for online consumers (Rose and Samouel, 2009; Verhoef, Neslin and Vroomen, 2007) and is a potent predictor of online shopping (Yuliharsi, Islam and Daud, 2011; Bigné-Alcañiz et al., 2008; So et al., 2005). Consumers differ in

terms of the gratification they receive from information search (Rose and Samouel, 2009). Information search has been identified as an online shopping motive (Noble, Griffith, and Adjie, 2006) and an important predictor of online buying (Yuliharsi, Islam and Daud, 2011; Bigné-Alcañiz et al., 2008; So et al., 2005; Kim and Park, 2005). Khare, Singh and Khare (2010) posit that Indian youth employ shopping websites to gather information related to product features, pricing, retailers and stores. Online information search is "largely governed by convenience, flexibility and temporal factors".

Novelty Seeking

Novelty seeking is the inclination to buy new and different products (Roehrich, 2004). In the online consumer behaviour context, information search has been acknowledged to affect shopping (Liu and Forsythe, 2010; Rose and Samouel, 2009; To, Liao and Line, 2007). Novelty seeking has been considered as a salient variable influencing consumer behaviour (Manning, Bearden and Madden, 1995; Hirschman, 1980). It refers to the motivation to pursue new information related to products (Manning, Bearden and Madden, 1995). It denotes "internal drive or a motivating strength" (Pearson, 1970) "to seek out the new and different" (Hirschman, 1980). It shares the same conceptual foundation namely that consumers seek optimal levels of stimulation in their choice of behaviour (Assaker, Vinzi and O'Connor, 2011). Hirschman (1980) distinguishes novelty seeking into two types:

inherent novelty seeking and actualized novelty seeking. Inherent novelty seeking is the individual's craving to pursue novel stimuli whereas "actualized novelty seeking represents the actual behaviour by the individual to acquire novel stimuli". Manning, Bearden and Madden (1995) recognize two aspects of innovativeness that are used at a later stage of the new product trial. The first aspect is synonymous with consumer novelty seeking and is related to initial stage of adoption process. It is related to the degree to consumers craving to seek new product information from marketing media and communications. The second aspect is related to later stage of adoption process and it refers to the degree to which consumers rely on others' assistance when making new product purchase decisions. Novelty seeking helps to advance problem-solving skills (Hirschman, 1980) and is positively related to adoption process (Manning, Bearden and Madden, 1995). Consumers are likely to be motivated by novelty and are expected to adopt innovations (Wang et al., 2000). The higher the consumers' motivation for information search and novelty seeking the more likely is that they will purchase new product (Hirschman, 1980) and adopt innovations (Manning, Bearden and Madden, 1995).

The shopping motivations vary across different cultures, as it has been seen that consumers in some cultures like Hungarian (Millanand Howard, 2007) and Chilean (Nicholls et al., 2000) are more influenced by utilitarian motives. In contrast, Chinese (Zhang, Sirion and Howard, 2011) and American (Iksuk et

al., 2005) consumers are more influenced by hedonic motivations.

The cross-cultural difference in shopping motivations is reflected by the wide range of consumer typologies across various cultures. Geuens et al. (2001) in a Belgian study have identified six consumer segments: convenience shoppers, low price shoppers, social shoppers, intense social shoppers, experiential shoppers, and recreational shoppers. Jin and Kim (2003) have profiled Korean consumers into four types: leisurely motivated, socially motivated, utilitarian motivated and apathetic shoppers. Jamal et al. (2006) in a Qatari study have segmented the consumers into six segments namely social shoppers, disloyal shoppers, independent perfectionist shoppers, escapist shoppers, apathetic shoppers and budget conscious consumers. Kim (2006) has segmented American consumers into five consumer clusters: alpha shopper, economic shopper, beta shopper, functional shopper, and mission specialist. Millan and Howard (2007) in a Hungarian study have reported four segments of consumers: relaxed utilitarian, strict utilitarian, browsers and committed shoppers. In a study on Egyptian consumers Farrag et al. (2010) have identified three main clusters of consumers namely family focused, hedonists and strivers.

In online context, Rohm and Swaminathan (2004) have developed an online motivations based typology of online shoppers. Identifying online convenience, physical store orientation, information use and variety seeking as online shopping motivations the authors segmented consumers into four types of shoppers:

convenience shoppers, variety seekers, balanced buyers, and store-oriented shoppers. Kukar-Kinney, Ridgway and Monroe (2009) have similarly profiled consumers into four types of online shoppers namely 'bricks-and-mortar buyers', 'compulsive buyers', 'product and information seeker', and 'anti-social product and information seeker'. In a study on US consumers Brown, Pope and Voges (2003) have segmented online consumers into seven groups: personalising shoppers, recreational shoppers, economic shoppers, involved shoppers, convenience oriented, recreational shoppers, community-oriented shoppers and apathetic, convenience oriented shoppers.

Recognizing the empirical evidence for the cross-cultural differences in shopping motivations the current study is carried on with the twin objectives to examine the various shopping motives and to provide motivations based typology of the Indian online consumers. The existent literature is bereft of enough research on the Indian online shopping motives and behaviour. It is visualised that this study will contribute to the theory of shopping motivations and provide valuable inputs for online marketing strategies in the Indian market.

METHODOLOGY

The study adopted the consumer intercept method of survey. The intercept method has emerged to be one of the most popular methods in marketing research (Hornik and Ellis, 1988) due to its cost advantage and convenience (Burns and Bush, 2003). Four

hundred respondents were intercepted across the various shopping malls of the Chandigarh city, a tier II city in northern India. According to Indian government census of 2011, the city has the highest Internet density in the country.

Data was collected using a self-completion questionnaire administered to the respondents. The questionnaire was a part of a larger questionnaire and contained multiple items derived from extant literature. Items related to motivations were measured on a 5-point Likert scale, ranging from 'strongly disagree' to 'strongly agree'. The constructs under study were measured using published scales adopted by Khare and Rakesh (2011) and Khare, Singh and Khare (2010). The section related demographic characteristics like age, gender, occupation, marital status and educational qualifications were incorporated in the questionnaire.

Four hundred respondents were intercepted across the malls of Chandigarh city and asked to complete the questionnaire. The effective sample size constituted of 326 respondents whose completely filled questionnaires qualified for further analysis. The sample comprised of 72.4 per cent males and 27.6 per cent females. However, the sample varied in age from below 18 years to 70 years of age but 90 per cent of the sample constituted of respondents below the age of 30 years.

RESULTS

The data were analysed employing 326 usable complete questionnaires. The factor analysis was conducted to identify a parsimonious

set of factors from the motivations and to confirm the applicability of the scales to the Indian consumers.

The items related to all the constructs were subjected to exploratory factor analysis

employing varimax rotation. The KMO measure of sampling adequacy was 0.892, confirming the appropriateness of the factor analysis. The Barlett's test of sphericity confirmed that the items were sufficiently correlated ($\chi^2 = 3182.69$, $p < 0.001$). The

Table 1. Factor Analysis

<i>Factor</i>	<i>Factor items</i>	<i>Loadings</i>	α	<i>Variance % (65.627)</i>
Novelty Seeking	I often seek out information about new products and services	.711	.888	19.338
	I like Web sites that introduce new products	.788		
	I frequently look for new products and services	.747		
	I seek out situations in which I will be exposed new and different sources of information	.586		
	I take advantage of the first available opportunity to find out about new and different products	.643		
	I prefer to learn about products on the Web and then buy them using the phone or at the retail store	.663		
Utilitarian Motivations	I consider price when I buy online.	.766	.713	15.637
	Price is an important motivation for me when I am shopping online.	.698		
	I use the Internet to buy at a lower price.	.701		
	I think online shopping can save time.	.586		
	Convenience is one of the main reasons for me to buy online.	.586		
	I shop on the Internet when pressed for time.	.754		
Hedonic Motivations	I like the increased buying power when shopping online.	.751	.882	15.561
	Accessing information about price is an important reason to shop online.	.822		
	I feel the Internet is an exciting technology.	.765		
	Shopping online can provide a fun experience.	.688		
Online Information Search	Browsing for information online benefits me.	.679	.829	15.091
	Searching for information about products and services is one of the most important things I would consider before purchasing online.	.778		
	The Internet provides a rich amount of information for many products.	.727		
	I often browse for information on products and services via the Internet.	.674		

factor analysis extracted four factors (having Eigen values above 1) accounting for 65.627 percentages of the total variance (see Table 1).

The first factor extracted had a high loading (above .5) of items related to novelty seeking ($\alpha = 0.888$). This factor was responsible for 19.338 percentage of variance. The second factor included the items of utilitarian motivations ($\alpha = 0.713$). The third factor had loadings related to hedonic motivations loaded on it ($\alpha = 0.882$) and the items related to 'information search' had a higher loading on the fourth factor ($\alpha = 0.829$). The factor analysis results confirm the convergent and discriminant validities of the constructs. The Cronbach alpha value for all the constructs was higher than 0.7 and satisfied Nunnally's (1978) reliability scale criterion value.

Cluster Analysis

The study adopted multi-step cluster analysis to segment the respondents. In the initial stage hierarchical clustering was carried out. The dendrogram and coefficients in the agglomerative schedule helped in isolating the initial seeds. This stage suggested a three-

cluster solution, which was employed as input for the k-means clustering. The k-means method helped in attaining more stable final clusters. The three clusters could be profiled and deciphered as in Table 2.

The primary cluster constituted 57.06 percentage of the total sample. The members of this group scored the highest on utilitarian, hedonic, information search and novelty seeking. This segment comprised of the largest percentage of respondents scoring the highest all the motivations for online shopping. Hence we label this cluster as 'compulsive consumers'.

The second cluster of online consumers scored the least and had negative scores on all the motivations. This segment is comprised of 31.60 per cent of the respondents. Respondents in this unit scored average on the hedonic motivations suggesting that this group was engaged in online activities just for gratification of hedonic motives. The group was negatively motivated for online shopping and so could be labelled as 'brick and mortar' consumers.

Table 2. Cluster Analysis

<i>Online Shopping Motivations</i>	<i>Cluster 1 Compulsive Consumers</i>	<i>Cluster 2 Brick and Mortar Consumers</i>	<i>Cluster 3 Utilitarian Consumers</i>	<i>F-value</i>	<i>p<</i>
Utilitarian	.45789	-.97035	.42664	125.995	.000
Hedonic	.63000	-.62565	-1.46919	232.012	.000
Information search	.56824	-.95634	-.19972	148.940	.000
Novelty seeking	.62226	-.94149	-.49653	182.379	.000
Respondents (no.)	186	103	37		
Respondents (%)	57.05	31.60	11.35		

The members of the third cluster scored the highest on utilitarian motives. The group scored the lowest on hedonic motivations, above average on information seeking and below average on the novelty seeking. This segment is comprised of 11.35 per cent of the total sample. This segment is represented primarily by consumers with utilitarian

orientation and so has been labelled as 'utilitarian consumers'.

The 'utilitarian' aspect is valued the most by the 'compulsive consumers' and 'utilitarian consumers' while it is valued the least by the 'brick and mortar consumers'. Hedonic considerations motivate the first group the

Table 3. Demographic Characteristics of the Clusters

<i>Demographic Variables % within Segment</i>		<i>Cluster 1 Compulsive Consumers (%)</i>	<i>Cluster 2 Brick & Mortar Consumers (%)</i>	<i>Cluster 3 Utilitarian Consumers (%)</i>	χ^2 Value	<i>p</i> <
Gender	Male	73.66	65.0	88.9	7.86	.02*
	Female	26.34	35	11.1		
Marital Status	Married	15.6	16.5	8.3	2.24	.69
	Single	83.9	83.5	91.7		
	Divorced	0.5	0	0		
	Widowed	0	0	0		
Age	Below 20	25.3	27.2	69.4	32.54	.00**
	20–30	67.2	61.2	27.8		
	30–40	5.4	7.8	0.0		
	40–50	1.6	3.5	2.8		
	50–60	0.5	3.9	0.0		
	70 and above	0	0	0.0		
Education	Matric	2.2	1.9	0.0	45.47	.00**
	Graduation (10+2)	9.1	15.5	52.8		
	Bachelor	51.6	46.6	30.6		
	Post Graduate	19.9	22.3	5.6		
	Diploma	13.4	10.7	11.1		
	Professional	3.8	2.9	0.0		
Monthly Income (Indian Rupees)	Below 10000	5.9	9.7	43.4	89.42	.00**
	10001–20000	4.3	10.7	30.6		
	20001–30000	18.3	8.7	0.0		
	30001–40000	12.9	11.7	5.6		
	40001–50000	26.3	15.5	5.6		
	Above 50000	32.3	43.7	13.9		

** Significant at .01%; * Significant at .05%

most followed by the second group and the least in the third group. The first group is motivated the most for online 'information search', followed by the third group and the least by the second group. The 'compulsive consumers' score the most on novelty seeking, followed by 'utilitarian consumers' and the least by the 'brick and mortar' consumers.

The ANOVA results demonstrate that mean differences for each of the motivations are significant across the three clusters ($p < .001$). The hedonic motivations have the maximum difference among the three clusters (F-value = 232.012), followed by novelty seeking (F = 182.379) and information searching (F value = 148.940). The utilitarian motivations have the least mean difference among the various clusters.

As evident from the Table 3, the demographic profiles of the four clusters differ on some aspects. The "compulsive consumers" comprise primarily of male youngsters, unmarried, minimum graduates but mediocre income respondents.

The 'brick and mortar' consumers comprise of most males, primarily of youngsters, largely of post graduates and graduates, and high-income respondents. The utilitarian shoppers encompass predominately males, largely unmarried youngsters, graduates and postgraduates and primarily below income people.

DISCUSSION

This study has been successful in exploring the motivations affecting the online consumer

behaviour in the Indian context. The factor analysis results exhibit that 'novelty seeking' has emerged to be the main motivator affecting online consumer behaviour. The utilitarian, hedonic and information search were other driving forces for online consumers.

The largest cluster 'compulsive buyers' hints that India is at the threshold of e-commerce revolution. The findings corroborate the results of earlier studies (Ernest & Young, 2013). This has significant implications for marketers. The marketers need to satiate the motivations for online consumption to augment the pace of the e-commerce revolution in the country. The 'compulsive consumers' constitute the mainstream respondents who long for novelty seeking, utilitarian, hedonic and information search motives. The pursuit for novelty positively effects the adoption of innovations (Truong, 2013; Manning, Bearden and Madden, 1995). This mandates that online retailers incorporate innovative website designs to amplify traffic to their websites. The featuring of novel and unique products could gratify the novelty seeking and information seeking motives of the online consumers. Online information search is positively associated with online purchase (Liu and Forsythe, 2010). The websites incorporating sufficient information would engage the customers to spend more time on the websites and gain more knowledge about brands (Smith and Sivakumar, 2004). This could promote brand loyalty as consumer could employ existing information for purchasing decisions (Rose and Samouel, 2009). The time spent on

the website compensates for other factors like perceived risk, self-confidence and an unwillingness to purchase (Smith and Sivakumar, 2004). The website speed and design could further augment the time spent on information search.

The 'compulsive consumers' are also utilitarian and hedonic oriented. The utilitarian consumers can be lured with delivery of convenience and information (Khare and Rakesh, 2011). The online shopping may provide the hedonic value (Smith and Sivakumar, 2004; Menon and Kahn, 2002). The segment can be targeted by offers delivering fun and enjoyment consumption experiences.

The second segment, 'bricks and mortar consumers' segment comprises of people who don't show much interest in e-commerce. The group constitutes a substantial portion (31.6%) of the sample and is mainly hedonically engaged with the online environment. It merits that the group is enticed with enjoyable online experiences. Past research has exhibited that hedonic experiences results in more website time spent (Bridges and Florsheim, 2008). As the time spent is positively associated with online information search and online sales it necessitates that the group is induced to spend more online time. The time spent on the company websites would instil trust and confidence paving way for transformation of attitudes and behaviour.

The third group namely the 'utilitarian consumers' is involved with the Internet

mainly for utilitarian aspects. Utilitarian consumers are guided by convenience, utility, functionality, and economic value of products (Babin, Darden and Griffin, 1994). Consumers having information related to products, price and delivery options have positive attitude towards the brand (Rose and Samouel, 2009). It necessitates that the websites provide necessary information for brand loyalty.

CONCLUSION

The results of the study show that shopping motivations serve important criteria of segmenting the online consumers. Different consumer groups have different goals for engaging in online environment. The success in the e-commerce market calls for understanding the online shopping motivations of the various consumer segments. The study unravels the various consumer segments and the motivations that propel them to engage in the online behavior. The motivations based segments can be used to predict online behavior. It is envisaged that the understanding of the consumer segments will assist marketers in furtherance of their goals and objectives.

RECOMMENDATIONS AND FUTURE RESEARCH

The study contributes to the knowledge on the online consumer segments in the Indian context. The study has some limitations which could be employed as a starting point for future research. The findings of the study are based on a sample of consumers of a

single city who may not represent the general consumer population of the country. The results may not have been able to capture the consumer intricacies across the country. India being a multicultural country further study could be replicated in other regions to verify the findings of the study and to have a generalized view of the online consumers. The sample of the study mainly constituted of the youngsters therefore for generalized population groups future studies could be carried across the other population groups. The findings show that a section of the sample are involved online only for hedonic purposes. Therefore future research should examine the relationship of online behaviour and offline shopping behaviour.

REFERENCES

- [1] Al-Maghrabi, T. and Dennis, C. (2011), 'What drives consumers' continuance intention to e-shopping?: Conceptual framework and managerial implications in the case of Saudi Arabia', *International Journal of Retail & Distribution Management*, Vol. 39, No. 12, pp. 899–926.
- [2] Arnold, M.J. and Reynolds, K.E. (2003), 'Hedonic shopping motivations', *Journal of Retailing*, Vol. 108, No. 2, pp. 1–20.
- [3] Assaker, G., Vinzi, V.E. and O'Connor, P. (2011), 'Examining the effect of novelty seeking, satisfaction, and destination image on tourists' return pattern: A two factor, non-linear latent growth model', *Tourism Management*, Vol. 32, pp. 890–901.
- [4] Babin, B.J., Darden, W.R. and Griffin, M. (1994), 'Work and/or fun: Measuring hedonic and utilitarian shopping value', *Journal of Consumer Research*, Vol. 20, pp. 644–56.
- [5] Batra, R. and Ahtola, O.T. (1991), 'Measuring the hedonic and utilitarian sources of consumer attitudes', *Marketing Letters*, Vol. 2, No. 2, pp. 159–70.
- [6] Beldona, S., Racherla, P. and Mundhra, G.D. (2011), 'To buy or not to buy: Indian consumers' choice of online versus offline channels for air travel purchase', *Journal of Hospitality Marketing & Management*, Vol. 20, No. 8, pp. 831–54.
- [7] Bigné-Alcañiz, E., C. Ruiz-Mafé, Aldás-Manzano, J. and Sanz-Blas, S. (2008), 'Influence of online shopping information dependency and innovativeness on Internet shopping adoption', *Online Information Review*, Vol. 32, No. 5, pp. 648–67.
- [8] Bridges, E. and Florsheim, R. (2008), 'Hedonic and utilitarian shopping goals: The online experience', *Journal of Business Research*, Vol. 61, pp. 309–14.
- [9] Brown, M., Pope, N. and Voges, K. (2003), 'Buying or browsing? An exploration of shopping orientations and online purchase intention', *European Journal of Marketing*, Vol. 37, No. 11/12, pp. 1666–84.
- [10] Burns, A.C. and Bush, R.F. (2003), *Marketing Research: Online Research Applications*, Prentice Hall, New Jersey.
- [11] Chen, Y-T. (2012), 'Exploring the continuance intentions of consumers for B2C online shopping: Perspectives of fairness and trust', *Online Information Review*, Vol. 36, No. 1, pp. 104–25.
- [12] Childers, T.L., Carr, C.L., Peck, J. and Carson, S. (2001), 'Hedonic and utilitarian motivations for online retail shopping behavior', *Journal of Retailing*, Vol. 77, pp. 511–35.
- [13] Davis, F., Bagozzi, R. and Warshaw, R. (1989), 'User acceptance of computer technology: A comparison of two theoretical models', *Management Science*, Vol. 35, pp. 982–1003.
- [14] Demangeot, C. and Broderick, A.J. (2007), 'Conceptualising consumer behavior in online

- shopping environments', *International Journal of Retail & Distribution Management*, Vol. 35, No. 11, pp. 878–94.
- [15] Dennis, C., Morgan, A., Wright, L.T. and Jayawardhena, C. (2010), 'The influences of social e-shopping in enhancing young women's online shopping behavior', *Journal of Customer Behaviour*, Vol. 9, No. 2, pp. 151–74.
- Ernst & Young (2013), 'Rebirth of e-commerce in India', [http://www.ey.com/Publication/vwLUAssets/Rebirth_of_e-Commerce_in_India/\\$FILE/EY_RE-BIRTH_OF_ECOMMERCE.pdf](http://www.ey.com/Publication/vwLUAssets/Rebirth_of_e-Commerce_in_India/$FILE/EY_RE-BIRTH_OF_ECOMMERCE.pdf) (assessed 15 May 2014).
- Farrag, D.A., Sayed, I.M.E. and Belk, R.W. (2010), 'Mall shopping motives and activities: A multi method approach', *Journal of International Consumer Marketing*, Vol. 22, pp. 95–115.
- Fiore, A.M. and Kim, J. (2007), 'An integrative framework capturing experiential and utilitarian shopping experience', *International Journal of Retail & Distribution Management*, Vol. 35, No. 6, pp. 421–42.
- Forrester (2012), 'Research online retail forecast, 2011 to 2016 (Asia Pacific)', <http://www.forrester.com/> (assessed 15 January 2014).
- Geuens, M., Brengman, M. and S'Jegers, R. (2001), 'An exploratory study of grocery shopping motivations', Groeppel-Klien, A. and Frank-Rudolf Esch (Eds.), *E-European Advances in Consumer Research*, Vol. 5, Association for Consumer Research, Provo, UT, pp. 135–40.
- Guido, G. (2006), 'Shopping motives, big five factors, and the hedonic/utilitarian shopping value: An integration and factorial study', *Innovative Marketing*, Vol. 2, No. 2, pp. 57–67.
- Gupta, N., Handa, M. and Gupta, B. (2008), 'Young adults of India – Online surfers or online shoppers', *Journal of Internet Commerce*, Vol. 7, No. 4, pp. 425–44.
- Ha, S. and Stoel, L. (2009), 'Consumer e-shopping acceptance: Antecedents in a technology acceptance model', *Journal of Business Research*, Vol. 62, pp. 565–57.
- Hirschman, E.C. and Holbrook, M.B. (1982), 'Hedonic consumption: Emerging concepts, methods and propositions', *Journal of Marketing*, Vol. 46, No. 3, pp. 92–101.
- Hirschman, E.C. (1980), 'Innovativeness, novelty seeking, and consumer creativity', *Journal of Consumer Research*, Vol. 7, No. 3, pp. 283–95.
- Hornikk, J. and Ellis, S. (1988), 'Strategies to secure compliance for a mall intercept interview', *Public Opinion Quarterly*, Vol. 52, pp. 539–51.
- Huang, Y. and Oppewal, H. (2006), 'Why consumers hesitate to shop online: An experimental choice analysis of grocery shopping and the role of delivery fees', *International Journal of Retail & Distribution Management*, Vol. 34, No. 4, pp. 334–53.
- Iksuk, K., Tim, C., Richard, F. and Hyunjip, C. (2005), 'Mall entertainment and shopping behavior: A graphical modelling approach', *Advances in Consumer Research*, Vol. 32, pp. 487–92.
- Jamal, A., Davies, F., Chudry, F. and Al-Marri, M. (2006), 'Profiling consumers: A study of Qatari consumers' shopping motivations', *Journal of Retailing and Consumer Services*, Vol. 13, pp. 67–80.
- Jin, B. and Kim, J.O. (2003), 'A typology of Korean discount shoppers: Shopping motives, store attributes, and shopping outcomes', *International Journal of Service Industry Management*, Vol. 14, No. 4, pp. 396–419.
- Khare, A. and Rakesh, S. (2011), 'Antecedents of online shopping behavior in India: An examination', *Journal of Internet Commerce*, Vol. 21, No. 2, pp. 187–200.
- Khare, A., Singh, S. and Khare, A. (2010), 'Innovativeness/novelty-seeking behavior as determinants of online shopping behavior among Indian youth', *Journal of Internet Commerce*, Vol. 9, No. 3, pp. 164–85.

- Kim, S. and Eastin, M.S. (2011), 'Hedonic tendencies and the online consumer: An investigation of the online shopping process', *Journal of Internet Commerce*, Vol. 10, pp. 68–90.
- Kim, Hye-Shin (2006), 'Using shopping motivations to profile inner city consumers', *Journal of Shopping Center Research*, Vol. 13, No. 1, pp. 57–79.
- Kim, Y-K, Kim, E. and Kang, J. (2003), 'Teens' mall shopping motivations: Functions of loneliness and media usage', *Family and Consumer Sciences Research Journal*, Vol. 32, No. 2, pp. 140–67.
- Koo, D-M., Kim, J-J. and Lee, S-H. (2008), 'Personal values as underlying motives of shopping online', *Asia Pacific Journal of Marketing and Logistics*, Vol. 20, No. 2, pp. 156–73.
- Kukar-Kinney, M., Ridgway, N.M. and Monroe, K.B. (2009), 'The relationship between consumers' tendencies to buy compulsively and their motivations to shop and buy on the Internet', *Journal of Retailing*, Vol. 85, No. 3, pp. 298–307.
- Levy, J. (1959), 'Symbols for sales', *Havard Business Review*, Vol. 37, No. 4, pp. 117–24.
- Liu, C. and Forsythe, S. (2010), 'Sustaining online shopping: Moderating role of online shopping motives', *Journal of Internet Commerce*, Vol. 9, pp. 83–103.
- Manning, K.C., Bearden, W.O. and Madden, T.J. (1995), 'Consumer innovativeness and the adoption process', *Journal of Consumer Psychology*, Vol. 4, No. 4, pp. 329–45.
- Mckinsey (2012), 'Online and upcoming: The Internet's impact on India', www.mckinsey.com (assessed 20 January 2014).
- Maity, M., Hsu, M.K. and Pelton, L.E. (2012), 'Consumers' online information search: Gen yers' finding needles in the internet haystack', *Journal of Marketing Channels*, Vol. 19, No. 1, pp. 49–76.
- Menon, S. and Kahn, B. (2002), 'Cross-category effects of induced arousal and pleasure on the internet shopping experience', *Journal of Retailing*, Vol. 78, pp. 31–40.
- Millan, E.S. and Howard, E. (2007), 'Shopping for pleasure? Shopping experiences of Hungarian consumer', *International Journal of Retail & Distribution Management*, Vol. 35, No. 6, pp. 474–87.
- Naseri, M.B. (2011), 'Role of demographics, social connectedness and prior Internet experience in adoption of online shopping: Applications for direct marketing', *Journal of Targeting, Measurement and Analysis for Marketing*, Vol. 19, No. 2, pp. 69–84.
- Nicholls, J.A.F., Li, F., Mandokovic, T., Roslow, S. and Kranendonk, C. (2000), 'US-Chilean mirrors: Shoppers in two countries', *Journal of Consumer Marketing*, Vol. 17, pp. 106–19.
- Noble, S.M., Griffith, D.A. and Weinberger, M.G. (2005), 'Consumer derived utilitarian value and channel utilization in a multi-channel retail context', *Journal of Business Research*, Vol. 58, pp. 1643–51.
- Nunnally, J.C. (1978), *Psychometric Theory*, McGraw-Hill, New York.
- Overby, J.W. and Lee, Eun-Ju (2006), 'The effects of utilitarian and hedonic online shopping value on consumer preference and intentions', *Journal of Business Research*, Vol. 59, pp. 1160–66.
- Pearson, P.H. (1970), 'Relationships between global and specific measures of novelty seeking', *Journal of Consulting and Clinical Psychology*, Vol. 34, pp. 199–204.
- Roehrich, G. (2004), 'Consumer innovativeness: Concepts and measurements', *Journal of Business Research*, Vol. 57, pp. 671–77.
- Rohm, A.J. and Swaminathan, V. (2004), 'An online typology of online shoppers based on shopping motivations', *Journal of Business Research*, Vol. 57, pp. 748–57.

- Rose, S. and Samouel, P. (2009), 'Internal psychological versus external market-driven determinants of the amount of consumer information search amongst online shoppers', *Journal of Marketing Management*, Vol. 25, No. 1, pp. 171–90.
- Smith, D.N. and Sivakumar, K. (2004), 'Flow and internet shopping behavior: A conceptual model and research propositions', *Journal of Business Research*, Vol. 57, pp. 1199–1208.
- So, W.C.M., Wong, T.N.D. and Sculli, D. (2005), 'Factors affecting intentions to purchase via the Internet', *Industrial Management & Data Systems*, Vol. 105, No. 9, pp. 1225–44.
- Tauber, E.M. (1972), 'Why do people shop?', *Journal of Marketing*, Vol. 36, October, pp. 46–49.
- To, P-L., Liao, C. and Lin, T-H. (2007), 'Shopping motivations on Internet: A study based on utilitarian and hedonic value', *Technovation*, Vol. 27, pp. 774–87.
- Truong, Y. (2013), 'A cross-country study of consumer innovativeness and technological service innovation', *Journal of Retailing and Consumer Services*, Vol. 20, pp. 130–37.
- Vazquez, D. and Xu, X. (2009), 'Investigating linkages between online purchase behaviour variables', *International Journal of Retail & Distribution Management*, Vol. 37, No. 5, pp. 408–19.
- Verhoef, P.C., Nesline, S.A. and Vroomen, B. (2007), 'Multichannel customer management: Understanding the research-shopper phenomenon', *International journal of Research in Marketing*, Vol. 24, pp. 129–48.
- Wagner, T. (2007), 'Shopping motivation revised: A means-end chain analytical perspective', *International Journal of Retail & Distribution Management*, Vol. 35, No. 7, pp. 569–82.
- Wang, C-L., Chen, Z-X., Chan, A.K.K. and Zheng, Z-C. (2000), 'The influence of hedonic values on consumer behaviors: An empirical investigation in China', *Journal of Global Marketing*, Vol. 14, No. 1-2, pp. 169–86.
- Westbrook, R.A. and Black, W. (1985), 'A motivation-based shopper typology', *Journal of Retailing*, Vol. 61, Spring, pp. 78–103.
- Yuliharsi, Islam, M.A., and Daud, K.A.K. (2011), 'Factors that influence customers' buying intention on shopping online', *International Journal of Marketing Studies*, Vol. 3, No. 1, pp. 128–39.
- Zhang, Y., Sirion, C. and Howard, C. (2011), 'The influence of the mall environment on shoppers' values and consumer behavior in China', Proceedings of ASBBS annual conference Las Vegas, US, pp. 214–24.