₹ 200 ISSN - 2249-555X

Volume: 1 Issue: 8 May 2012



## Journal for All Subjects

www.ijar.in

Listed in International ISSN Directory, Paris.

#### ISSN - 2249-555X



### Indian Journal of Applied Research Journal for All Subjects

#### **Editor-In-Chief**

#### Dr A Kumar

Director, College Development Council (CDC)
Director, Internal Quality Assurance Cell (IQAC)
Professor in Management,
Department of Business Administration, Faculty of Management,
Bhavnagar University,

#### **Editorial Advisory Board**

Dr. S. N. Pathan Maharastra Dr. SM. Ramasamy Gandhigram Dr. M. M. Goel Kurukshetra Dr. S. Ramesh Tamil Nadu

Dr Ramesh Kumar Miryala Nalgonda. Dr. B. Rajasekaran Tirunelyeli Dr. A. R. Saravankumar Tamilnadu Dr. Roy M. Thomas Cochin

Dr. G. Selvakumar Salem Dr. Apurba Ratan Ghosh Burdwan

Dr. Shrawan K Sharma
Uttarakhand

Dr. Sudhanshu Joshi
Uttarakhand

Prof. (Dr.) B Anandampilai Pudhukottai

#### Advertisement Details

Position	B/W (Single Color)	Fore Color	
Full Inside Cover	₹ 6000	₹ 12500	
Full Page (Inside)	₹ 5000	-	

#### Subscription Details

Period	Rate	Discount	Amount Payable
One Year (12 Issues)	₹ 2400	Nil	₹ 2400
Two Year (24 issues)	<b>₹</b> 4800	₹ 200	₹ 4600
Three Year (36 issues)	₹ 7200	₹ 300	₹ 6900
Five Year (60 issues)	<b>₹12000</b>	₹ 600	<b>*</b> 11400

You can download the Advertisement / Subscription Form from website www.ijar.in. You will require to print the form. Please fill the form completely and send it to the **Editor**, **INDIAN JOURNAL OF APPLIED RESEARCH** along with the payment in the form of Demand Draft/Cheque at Par drawn in favour of **INDIAN JOURNAL OF APPLIED RESEARCH** payable at Ahmedabad.

- 1. Thoughts, language vision and example in published research paper are entirely of author of research paper. It is not necessary that both editor and editorial board are satisfied by the research paper. The responsibility of the matter of research paper/article is entirely of author.
- 2. Editing of the Indian Journal of Applied Research is processed without any remittance. The selection and publication is done after recommendations of atleast two subject expert referees.
- 3. In any condition if any National/International University denies accepting the research paper published in IJAR, then it is not the responsibility of Editor, Publisher and Management.
- 4. Only the first author is entitle to receive the copies of all co-authors
- 5. Before re-use of published research paper in any manner, it is compulsory to take written permission from the Editor-IJAR, unless it will be assumed as disobedience of copyright rules.
- 5. All the legal undertaking related to Indian Journal of Applied Research is subject to Ahmedabad Jurisdiction.
- 7. The research journal will be send by normal post. If the journal is not received by the author of research papers then it will not be the responsibility of the Editor and publisher. The amount for registered post should be borne by author of the research paper in case of second copy of the journal.

#### Editor,

#### **Indian Journal Of Applied Research**

8-A, Banans, Opp. SLU Girls College, New Congres Bhavan, Paldi, Ahmedabad-380006, Gujarat, INDIA Contact.: +91-9824097643 E-mail: editor@ijar.in

#### INDEX

Sr. No.	Title	Author	Subject	Page No.
1	Accounting Programs for Cost Accounting	Prof. Kalola Rimaben A.	Accountancy	1-3
2	Petrography of the Volcanic and Metavolcanic Rocks of Middle Siang Valley, East Siang District, Arunachal Pradesh, India	P. Bhattacharyya , T.K. Goswami, C. Taye	Applied Geology	4-8
3	Petrography and geochemistry of the host rock of sulphide mineralisation in Potin area, Subansiri district, Arunachal Pradesh, India	P. Bhattacharyya , B.K. Tamuli, D. Majumdar	Applied Geology	9-13
4	Better Work Environment for Small Scale Industries in Developing Countries	Tapan Kumar Majumdar	Architecture	14-15
5	Generation of Bioelectricty from Waste water and Cow's urine	H.Vignesh, Hema Kalai Rani	Biotechnology	16-19
6	Constraints in Grapes Production: An Experience of Tamil Nadu Grapes Growers	Mr. Suresh. G, Dr. S. Krishnamurthy	Commerce	20-22
7	Determinants Of Dividend – A Study With Reference to Selected Companies in India	Dr.M.N.Periasamy	Commerce	23-26
8	Coffee Consumption in India: An Exploratory Study	Shri Arvind A. Dhond	Commerce	27-29
9	A Study on Impact of Women of Self Help GROUPs	D. Bhuvana	Commerce	30-31
10	Impact Of Micro Finance Through Shg-Bank Linkage Programme In Salem District, Tamilnadu	Dr. M. Sumathy, E. Nixon Amirtharaj	Commerce	32-33
11	"A Study On Job Stress With Special Reference To Textile Industries In Tirupur"	DR.M. DHANABHAKYAM , T.SUMATHI	Commerce	34-37
12	The Role of Individual Enterprise and Entrepreneurship in The Economic Development of India, Challenges and Opportunities	A.K.Chandra, B.P.Singh, V.S. Negi	Commerce	38-40
13	Customer Preferences And Attitudes Towards Maruti Cars In Pollachi Taluk	N. MANOHARAN, Dr. R. GANAPATHI	Commerce	41-45
14	(Disaster Management in India : An overview)	Dr. Pawar Ashok S. , Dr. Sunita J. Rathod , Shri. Budhwant R.G.	Economics	46-48
15	Economic condition of Banjara and Vanjari communities in India :An overview	Dr. Pawar Ashok S. , Dr.Rathod Sunita J. , Tidke Atish S.	Economics	49-51
16	(Rajshri Shahu Maharajache Shikshan Sarvatrikaran v Stri Sabalikaran Vishayak Drastikon)	Dr. Pawar Ashok S., Dr. Sunita J. Rathod ,Dr. Vishal Tayade	Economics	52-53
17	"Problems Of Self Help Group Members In Bidar District Of Karnataka"	DR.SANGAPPA V. MAMANSHETTY	Economics	54-56
18	The Role of Private And Public Sectors: An Analysis of Methodological Steps In Understanding Growth Cycles	Dr. Shivsharanappa Dhaba	Economics	57-59
19	"Reforms, Incidence Of Poverty And Employment In India"	Dr. Devraj G. Ganvit	Economics	60-62
20	An Innovative Teaching Module to Enhance The Knowledge In Grammar Among The High School Students Of Palghat District	Elsamma Sebastian	Education	63-64
21	Construction of a web course material and evaluating its performance vis a vis conventional approach towards learning: a pilot study	Ms. Sreetanuka Nath	Education	65-67

22	Academic Achievement In Relation to Time Perception and Coping Styles	Dr. D. Hassan, Dr. V. Tulasi Das	Education	68-71
23	Use Of E-Resources to Enhance Performance by the Student-Teachers	Dr. S. K. Panneer Selvam	Education	72-74
24	Studies on The Removal of Blue 4 Dye from Textile Effluents Using Cotton Stem	N. Prasanna, Renjitha Saji , S. Bhuvaneswari ,A. Priya	Engineering	75-77
25	Implementation of Self controlled Arbiter for High Speed Communication in on-chip	Kaushik Mukherjee, A.Ch. Sudhir , Dr. B Prabhakara Raob	Engineering	78-82
26	Rate Sequence Space (S2) π	B. Sivaraman , K. Chandrasekhara Rao , K. Vairamanickam Vairamanickam	Engineering	83-84
27	The Asphalt in The Hot And Cold Areas	Eng. Nasr Ahmad, Prof.Dr. Eng. Mihai Iliescu	Engineering	85-86
28	Corrective Measures to Reduce Physical Work Strain of Dairy Farming	Vinay Deepa, Sharma Suneeta	Ergonomics	87-89
29	Rural Women in Transition: A Case of Women Entrepreneurs	Varinder Randhawa , Ritu Mittal, Parul Gupta	Home Science	90-93
30	Nutritional Status and Impact of Functional Food Supplement on the Performance of Athletes	Uma Mageshwari.S , Mary Jenefer Sharmila.P	Home Science	94-96
31	Effective HRM for Global Competitiveness	Dr Mahalaxmi Krishnan	Human Resource Management	97-100
32	Role of Materials in English Language Teaching and Learning	Dr. Wajahat Hussain	Literature	101-102
33	Expatriate Women in The Fiction of Ruth Prawer Jhabvala	P. Mohanapriya	Literature	103-104
34	Prakruti Pariyavaran and Sahitya	Dr. Sanjay Rathod	Literature	105
35	Samkalin Hindi Kavita me Manviya Jivan ke Badalte	Dr. Sanjay Rathod	Literature	106-107
36	A Servant Turned an Administrator: A Study of Naikar's Kanakadasa: The Golden Servant	Ashok Hulibandi	Literature	108-110
37	A Study on Metacognitive Strategy in Terms of Reading Comprehension of Post Graduate English Literature Students	J.P.Vandhana, T.Sakthivel	Literature	111-112
38	The Psychic Patterns In The Protagonist Of Bharati Mukherjee's Wife.	B.Kalidoss,Dr. S.Kanakaraj,	Literature	113-114
39	Integrating action research paradigm into decision making -An investigation of an action research model	Haresh B. Barot	Management	115-117
40	A Study on Green Marketing Mix Towards Green Products	Urmila Vikas Patil	Management	118-120
41	Viral Marketing – Is It A Mirage or Reality?	Dr. Viral Shilu	Management	121-122
42	Evalution of Mandura Bhasma with & without Triphala Churna in Management Of 'Panduroga'	Dr.D.Anuradha, Dr. M.Srinivasulu	Management	123-125
43	A Conceptual Overview of Value Creation in Business Relationships	Abhishek Pande	Management	126-127
44	Plight of Women Entrepreneurs: A Diagnostic Study	Anuradha Averineni	Management	128-130
45	"Profitability Analysis Of Merger Textile Companies In India During Pre And Post-Merger Periods"	Dr. M. Dhanabhakyam ,R.Umadevi	Management	131-133

46	Impact Of Ngo's On Rural Marketing	R. DURGA RANI,Dr. R. GANAPATHI	Management	134-135
47	Status Of Mutual Fund In India	D. JAYANTHI,Dr. R. GANAPATHI,	Management	136-138
48	A Study on "The relevance of Human Resource Accounting in the Present Scenario"	Dr.Giridhar K.V. , Krupa V.D.	Management	139-140
49	Customers Attitude Towards Domestic Air Conditioners With Reference To Lg	M. LAKSHMI PRIYA, Dr. R. GANAPATHI,	Management	141-149
50	Interaction of Gender and Sexual Appeal on Effect of TV Advertisements	P. Shanthi, Dr. S. Thiyagarajan	Marketing	150-151
51	Study on Dislike towards TV advertisements – An empirical Evidence	Ruhani Mahajan, Sahil Goyal	Marketing	152-154
52	Emotions: Ace Tool For Marketing	Ashish Nathwani	Marketing	155-157
53	Comparison of Fluticasone propionate with Beclomethasone dipropionate in patients of Bronchial asthma"	RAMAKRISHNA GHUBDE, ARCHANA SHEKOKAR	Medical Science	158-160
54	A study of incidence and risk factors for neonatal systemic candidiasis	Dr Sheila Aiyer, Dr Pareshkumar A. Thakkar, Dr. Komal K. Patel, Dr. Kaushik A. Mehta	Medical Science	161-163
55	Pharmacoeconomic appraisal of antimicrobial utilization in a medical college hospital	Dr. Parveen Kumar Sharma, Dr. Rekha Bansal	Medical Science	164-166
56	Various aspects of antimicrobial utilization in OPD of a medical college hospital	Dr. Parveen Kumar Sharma, Dr. Rekha Bansal	Medical Science	167-168
57	Subjective well Being and Job Satisfaction Among Survivors of Economic Downturn	Vijaya. R, M. Y. Manjula	Psychology	169-172
58	Knowledge of Mothers About Nutrition of Child Under Five Years of Age	Dr.K.Jothy, Ms.S.Kalaiselvi	Social Sciences	173-175
59	Geriatric in India and Their Right to Health	Minni K. T.	Sociology	176-177

#### **Research Paper**

Marketing



## Interaction of Gender and Sexual Appeal on Effect of TV Advertisements

\* P. Shanthi \*\* Dr. S. Thiyagarajan

#### \* Asst. Prof. Dep. of Commerce, Guru Nanak College, Chennai

\*\* Asst. Prof. Dep. of International Business, Pondicherry University, R.V.Nagar, Kalapet, Puducherry

#### ABSTRACT

The present study investigated the Influence of Sexual Appeal incorporating sexy female models in varying degree of clothing as stimuli and the role of Gender on effectives of Advertisements in Indian context. General Linear Model was applied and the results indicate that there is an effect of sexual stimuli on effectiveness of advertisement and this is not predominant among men and women signifying Gender's role in effectiveness.

#### Keywords: Effectiveness, Female models, Advertisements, Gender

#### Introduction

Over the years, television has become an important medium of entertainment in Indian society. If one tune into a television channel, he/she will certainly end up seeing sexy models suggesting what to buy and consume from candy to computer. On one hand, there is an immense growth of Television industry which paves way for bombarded media environment as a result advertisers use sex appeals to make their advertisements stand out in a cluttered media environment. On the other hand, India possesses a huge young population with significant disposable income. Hence, it is interesting and essential to explore how far these sexy ads are successful in turning the target young potentials into brand users.

#### Literature review

Advertisers seems to be vigorous on taking advantage of an increased receptiveness to sexual content in electronic as well as print media as sexual conservatism has declined around the world. Advertisements have gone through a change in the last 20 years in employing sexual stimuli. Number of advertisements with sexual appeals in main stream advertisements has increased and has become more explicit (Wise, King and Merenski, 1974, Severn and Belch, 1990, Reichert et al., 2007). Sex appeal in advertisement is based on the content and researchers have identified Nudity, Physical attractiveness, Suggestive behaviour, Interaction and Innuendo as major forms. Sex appeal is defined as sexual presentation or an expression of sexual motives or exploitation of the Female or male body (Richmond and Hartman, 1982). A later definition is by the degree of nudity or sexual explicitness by (Reichert et al., 2001). Studies on Sexual appeal showed mixed result. Sex appeal is more engaging, involving, interesting, entertaining, attention grabbing, favourable and original than non sexual ads (Jude & Alexander, 1983; Severn, Belch & Belch 1990, Reichert et.al., 2001). Sexual stimuli had led to increased attention and recognition which was validated with empirical evidences by various researchers (Vezina and Paul, 1997, Chestnut et al, 1977, Reid & Soley, 1983, Lombardot, 2007). (Groza, et al., 2011) reported that positive feelings towards sex appeal Advertisements generate sexiest humour and perceived as less offensive. There are equal numbers of studies on negative effect of sexual appeal. (Steadman, 1969) found that Sex appeal may act as detractor deviating the viewer from brand which may result in lower brand recall and generate poorer product and manufacturer perceptions, this effect is multiplied if the sexual explicitness is not matched well with product advertised (Peterson and Kerin

(1977), Alexander and Judd, 1978; Grazer & Keesling, 1995; Reichert & Alvaro, 2001). Sexual ads had small advantage for recognition (Reid & Soley, 1983) and lower copy recall compared to nonsexual ads (Severn, Belch, and Belch, 1990).

It was observed through many evidences that gender has a role to play in processing, evaluating and interpreting sexual stimuli in advertising (Jones et al., 1998, Orth Holancova, 2004, Sengupta and Dahl, 2008). Findings of most studies on Gender differences on sexual appeals are consistent both female and male perceive the depiction of opposite sex more favourably (Peterson and Kerin, 1977, Belch et al., 1981, Jude and Alexander, 1983, LaTour et al., 1990 LaTour and Henthrone, 1993, Simpson et al., 1996). Whereas (LaTour, 1990, Belch et al., 1981) found opposite sex were appealing where as nude image of the same sex were perceived as offensive

#### **Empirical Gap in the Literature**

After reviewing the past research studies it was found that most of the effectiveness studies of sex appeal have opted stimuli containing the print image of sexy female or male model. Though many research studies conducted on the effect of sex appeal; most of them are western studies, few studies conducted in China & Korea. Generalizing the results of those studies to India will make less or no sense. Very few research studies conducted in Indian context on effectiveness of ADS incorporating full TV commercials showing sexy females (partially clothed / mild sex appeal and less clothed / wild sex appeal) as stimuli. Hence this study tries to fill the gap found in the literature by looking at the Influence of Sexual Appeal incorporating sexy female models in varying degree of clothing as stimuli and the role of Gender on effectives of Advertisements in Indian context.

#### Effectiveness, Recognition & Recall test

Advertising Effectiveness is a degree to which an advertisement achieves its much needed objective of reaching the eyeballs and catching the target minds. Hence, this study adopted Ad Recognition and Ad (Brand) recall tests to quantify effectiveness of an Advertisement. The reason for opting such measures is not only because these measures are used widely in advertisement appeal studies but also accepted as most reliable metrics (Steadman, 1969, Reid & Soley, 1981, Richmond & Hartman., 1982, Severn et al., 1990). To conduct recognition Test the participants are shown an Advertisement and asked whether he / she remember seeing it and can re-

member any of its salient points and as part of recall test the participants are asked to recall the Ad or brand name.

#### Selection of Ad Stimuli for the study

Unlike previous studies where selection of sexual stimuli is purely a judgement and discretion of the researchers, this study has chosen Advertisements at Random. As a first step in selection of ADs, all the Sexual appeal commercials aired in popular channels, for a four week period (December 2010), were pooled. These pooled ADs were later shown to a small group of 30 respondents and were asked to rate these ADs, on a five point scale, on the basis of amount of clothing of a model. All ADs with mean score of 3 and above were grouped as Wild Appeal and the ones with a mean score of below 3 were grouped as Mild appeal. One AD was selected at random from each cluster or group and these were the 2 Ads used for the final study.

Table 1 Role of Sexual appeal and Gender on Effectiveness

#### **Method of Data collection**

Data were collected from 350 respondents collected in and around Chennai City by employing a non-probability sampling method. But the final sample for the study was 280 and a structured Interview schedule was the instrument used for data collection. The selected ADs' (2 in number) brands were concealed and were played with a help of Laptop and Projector to the respondents after which they were asked to recognise the AD and recall the AD with the brand. Based on these tests results Effectiveness score were derived. Repeated Measure ANOVA was used to see the difference in effectiveness (With in Subject) of the Ads.

- HO1 There is no influence of Wild and Mild Sexual Stimuli on Effectiveness of an AD
- HO2 Gender has no role to play in Effectiveness of Sexual Appeal ADs
- HO3 There is no interaction of Sexual Appeal and Gender on Effectiveness

Sexual Appeals	Gender	Mean	Effect		Value	F	Sig.
	Male	2.10		Pillai's Trace	.152	49.772	.000
Wild	Female	1.12	Sexual stimuli	Wilks' Lambda	.848	49.772	.000
vviid	Total	1.61		Hotelling's Trace	.179	49.772	.000
		1.01		Roy's Largest Root	.179	49.772	.000
	Male	2.26	Sexual Appeal * Gender	Pillai's Trace	.096	29.421	.000
	Female	2.38		Wilks' Lambda	.904	29.421	.000
Mild	Total	2.32		Hotelling's Trace	.106	29.421	.000
				Roy's Largest Root	.106	29.421	.000

#### **Findings and Discussions**

General Linear Model was applied to the data to see the role of Sexual Appeal on Effectiveness and the effect of Gender. From the above table it can be seen HO1, has been rejected at less than 1% implying an effect of Sexual Appeal on effectiveness. HO2, has also been rejected at less than 1% (Annexure) showing an influence of gender on Effectiveness. Gender has an effect at the Multivariate and Univariate level (Annexure) implying male and female seem to react in different ways for the sexual stimuli appeals. Gender has a role to play, Male like Wild stimuli and females do not like overt stimuli, which is on line with the some previous studies findings (LaTour and Henthrone, 1993, Simpson et al., 1996). But the interesting finding is that both male and female seem to like Mild Sexual Appeal image than Wild appeal. HO3 has also been rejected at less than 1% from which it can be said that there is an interaction between Sexual Appeal and Gender, there is an influence of sexual stimuli on effectiveness and Gender has a role to play. These findings coincide with the previous researches (Peterson and Kerin, 1977, Belch et al., 1981, Jude and Alexander, 1983), Sphericity assumption will not be a problem because there are only two groups at both the levels.

#### Conclusion

The interaction effect between gender and level of sex appeal

suggests that Men seem to prefer Wild sexual stimuli Ads and Women seem to prefer Mild sexual stimuli. This may be due to basic make up and psychic of men and women and their temperament towards Sex. Standardizing a message strategy might prove effective to particular group but the same might elicit negative responses among their counterparts. Hence, marketers must keep gender factor in mind while designing advertisements with peculiar executional cues like sex appeal in communication strategy. Based on the findings of this study, it can be proposed that to target men, marketers can portray sexy female models as male viewers prefer the strongest degree of female nudity and projection of male models with modest sex appeal will be the best choice for their counterparts.

#### Annexure

Tests of Between-Subjects Effects (Between Male and Female)							
Source	Type III Sum of Squares	Df	Mean Square	F	Sig.		
Intercept	2164.645	1	2164.645	1206.654	.000		
Gender	26.145	1	26.145	14.574	.000		
Error	498.711	278	1.794				

#### REFERENCES

Alexander, M.W., & Judd, B.B. (1978). Do Nudes in Ads Enhance Brand Recalls?. Journal of Advertising Research, 18(1), 47–50. ~ Frith, K., & Mueller, B. (2006), "Advertising and Gender Representation", In K. Frith & B. Muller's (2nd Eds.), Advertising and Societies: Global Issues (pp. 91–96), New York: Peter Lang. ~ Grazer, W.F., & Keesling, G. (1995). The effect of print advertising's use of sexual themes on brand recall and purchase intention: A product specific investigation of male responses. Journal of Applied Business Research, 11(3), 47-58. ~ Jessica Severn., George E. Belch., & Michael A. Belch. (1990). The Effects of Sexual and Non ~ Sexual Appeal and Information Levels on Cognitive Processing and Communication Effectiveness. Journal of Advertising, 19(1), 14-22. ~ LaTour, M.S., (1990). Female nudity in print advertising: An analysis of gender differences in arousal and ad response. Psychology & Marketing, 7, 65-81. ~ LaTour, M.S., & Henthorne, T.L., (1993). Female nudity: Attitudes toward the ad and the brand, the implications for advertising strategy. Journal of Consumer Marketing, 10(3), 25-32. ~ LaTour, M.S., & Henthorne, T.L., (1994). Ethical judgments of sexual appeal in print advertising. Journal of advertising, 23(3), 81-90. ~ Peterson., Robert, A., & Richard Roger, A. Kerin. (1977). The female role in advertisements: some experimental evidence. Journal of Marketing, 41(4), 59-63. ~ Reichert, T., & Alvaro, E. (2001). The effect of sexual information on ad and brand processing and recall. Southwestern Mass communication Journal, 17(1), 9-17. ~ Reid, L.N., & Soley, L.C. (1981). Another look at the decorative female model: The recognition of visual and verbal ad components. Current issues and research in advertising, 3, 122-133. ~ Reid, L.N., & Soley, L.C. (1983), Decorative models and the relationship of magazine ads. Journal of Advertising Research, 23(2), 27-32. ~ Richmond, David., & Timothy P. Hartman. (1982), Sex appeal in advertising. Journal of Advertising Research, 22(5), 53-61. ~ Sengupta,



# Sara Publishing Academy Indian Journal Of Applied Research Journal for All Subjects



Editor, Indian Journal Of Applied Research

8-A, Banans, Opp. SLU Girls College, New Congres Bhavan, Paldi, Ahmedabad-380006. Contact.: +91-9824097643 E-mail: editor@ijar.in

Printed at Unique Offset, Novatsing Rupam Estate, Opp. Abhay Estate, Tavdipura, Shahibaug, Ahmedabad