Influence of Advertisement in social media Towards Purchasing Decision: A Study with Special Reference to Chennai City South Zone

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Abstract:

The usage of societal media for marketing objectives is a contemporary business trend that has been studied in recent literature. The aim of this study is to investigate the impact of social media advertising on customers' purchase decisions. The research aims to investigate the importance given by consumers towards social media and investigate the association between societal media importance and Social media advertisements. At the same time to know the connotation of societal media importance including societal media usage, societal media trust, and purchasing decisions with the mediation effect of societal media advertisements. The sample was obtained through the use of convenience sampling. The sample size of this research is 200 the data were collected from users on societal media in Chennai's south from a range of age groups. The study identifies a clear link between the significance of societal media and consumer purchasing behavior. Through societal media marketing, there is also a nexus between the importance of societal media and consumer purchase decisions.

Keywords: Societal media usage, societal media trust, societal media importance, social media advertisement, purchasing decision.

INTRODUCTION

Societal media is disrupting the conventional techniques of selling and trading products and services in the current public. Social media has increased in prominence as a prominent and critical marketing aspect influencing the victory of a product/service/business (Kerrie and Prakash, 2013). Users' preferred communication mediums are social media platforms (Pelling and White, 2009). The current commercial trend is to use social media for marketing purposes. Marketers put money into internet advertising. It is critical to recognize that worldwide web advertising spending increased (Keller, 2009). Social media advertisement allows marketers to continuously access consumer preferences and opinions via online mode. It has produced high-quality, consumer-relevant content. For users of the social media platform, making decisions is much easier and more enjoyable. Furthermore, it has provided an enormous amount of accessibility and providing potential clients with necessary information in a transparent manner. Marketing using social media has an impact on customer opinions and purchasing tendencies.

Customers can search and compare information on social media, which is replacing established media outlets including magazines, radio, television, and newspapers. (Suryawanshi P, 2019) Facebook, Twitter, Instagram, Blogs, Snapchat, Printerest, LinkedIn, and YouTube are the primary social media technologies that are employed to disseminate brand awareness for the products and the company itself by providing information in the form of commercials. The occurrence of social media has attracted moreover consideration of together firms in addition to shoppers, and corporations are now confronted with new issues contiguous to our knowledge of buyer behavior and ingesting arrays voguish the novel epoch by way of an upshot of this shifting communications environment (Bond Camilla et al., 2010). Rendering to a contemporary examination, inquiry cutting-edge this zone since the standpoint of commercial statements is quiet in its early phases, particularly in evolving realms in South Asia, in spite of social media's fiery progression throughout the world and its revolutionary influence on young people's perspectives.

The major research on consumer perceptions of societal media marketing has been done in developed countries (Imran, 2012). These reviews are widely available and provide excellent value to both businesses and customers. As a result, positive online word-of-mouth spreads more widely, assisting customers in making purchasing decisions. Finding out how social media marketing influences customers' buying decisions is the aim of this study.

The effectiveness of social media marketing in influencing customers to purchase the provided goods and services will be fascinating to see.

REVIEW OF LITERATURE

Harshini (2015) The previous theoretical approach to the analysis of marketing in social media and customer intentions in purchase was demonstrated. This study scrutinizes several advertising in social media elements and how they influence consumers' propensity to buy. Based on the customer's intended purchase, it records responses from consumers to social media advertisements. According to the report, users of social networking sites find this kind of marketing tactic to be quite intriguing, and they are exhibiting interest by responding to the ads and making purchases through them.

Lee (2013) states that Customers hunt more than any other kind of mainstream communication, social networking sites are used for product information, according to the company. The search is more individualized and focused. Additionally, social media advertisements provide a platform for brand comparisons, which almost all users of social media like doing. The produce facts is likewise available in the system of a detailed prerequisite, allowing customers on the road to research the goods as well as make purchases a complete comparison depending on the requirements they require.

Hecht et al (2020) advertisers focus on rational advertising, which exploits the essential value of the product to convince and influence the consumer's purchase choice. Some advertisers, on the other hand, utilise illogical advertising to elevate the want over the necessity.

Gravit Hingad et al. (2022) social media advertisement, as well as its impact on consumer purchasing behaviour He comes to the conclusion that for consumers, social media is an essential tool. Social media is unquestionably necessary for all forms of transactions in order to locate and connect with their object souk. Running effective internet marketing campaigns is made much easier with the help of an SM advertising platform. The advent of social media advertising has altered this, even if social, psychological, and personal aspects still have an impact on consumer behaviour. With access to an almost limitless pool of knowledge at all times, organisations must seize every opportunity to reach their target audience.

Gary L. et al. (1998) stated that the Internet changed the power dynamic in their advantage by making it comparatively easy for clients to compare pricing and alternatives without being hassled by sales employees. Lower transaction costs are advantageous to both customers and retailers when purchasing online.

Kalpana Agarwal and Huzefa Jaliwala (2013) "Societal media advertisement online-purchase amongst youth," every day, teenagers converse and interact with their peer groups in metropolitan neighbourhoods using a variety of social media advertisement and other communication means. To put it another way, basic physical and social influence is shifting away from societal media advertising and toward e-commerce. As a result, the use of social networking huge mutual impact on information among professionals, which influences consumer online behavior, such as visits and purchase intents in electronic purchasing.

SOCIAL MEDIA USAGE

Boateng and Amankwaa (2016) Users can connect using the social media program and interact with one another. It is a virtual area where individuals may interact, share, communicate, and build or sustain relationships with others for a number of purposes. A web-based application called social media enables users to create social networks or communicate with others who have interests, hobbies, and histories. This can be done for personal, professional, or in-person interactions.. As a result, SM is defined as the interface of folks in networks to develop & exchange facts besides notions.

Boyd and Ellison (2007) Community schmoosing websites are regarded as freely available web facilities that enable handlers to build a peculiar outline, include any supplementary individuals they are buddies with through relationships, read and reply to added handlers' postings on the site. People can arrange social events, write on other users' walls, send private messages, and follow other users' daily activities. However, users are free to decide how much information they wish to make publicly available. In addition to including details like their birthdate,

current romantic situation, preferred authors and films, and place of residence in their pictures, some people choose to do so.

Rob Fitz Gerald (2019) certain about that while personal, social, and psychological influences continue to influence consumer behaviour, the introduction of social media advertisement has changed this. Having access to a nearly unlimited there is always a sea of knowledge, trades must grasp every single chance to advance toward their detached consumers. When it comes to turning customers from visits, social media advertising might surely assist your company if the correct methods are in place.

SOCIAL MEDIA TRUST

Uslaner (2002) When it comes to turning customers from visits whether or not you are involved in organisations or use the Internet. Instead, your parents instil trust in you, and it is founded on an upbeat worldview.. Because of an internal, established value, "the trusting" are involved in organizations and on the Internet in this case. This establishes a link between trust and Internet use, but it does not establish causality in the sense that the Internet creates trust.

Emmanuel and Daniel (2020) the function of social media trust in creating and maintaining customer interactions in the online world has gotten a lot of attention. Researchers have been discussing the topic of trust, through various viewpoints provided demonstrating the precursor or subsequent the effects of social media platforms on user trust in businesses or other social entities.

Kumar Shubhangam et.al (2020**)** Trust is an important communication component that likewise assistances in the retention in terms of interpersonal connections in online purchasing. Social network handlers like to mark procurements from recognised websites. Organizations may converse using clients on social networking sites by instilling trust in communication and encouraging them to make online purchases.

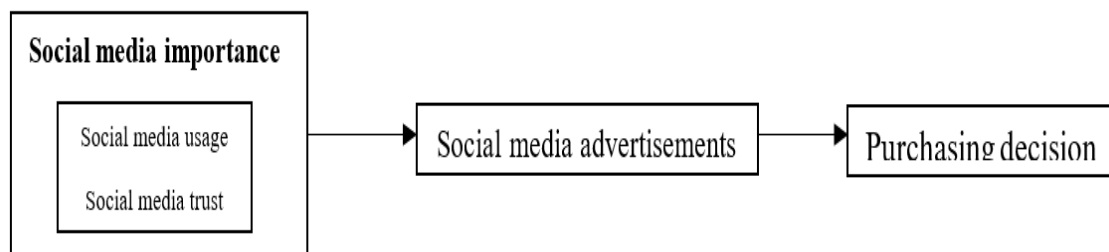### CONCEPTUAL FRAMEWORK BASED ON THE LITERATURE

Figure-1

RESEARCH QUESTIONS

1. How significant consumers are on social media?

2. How important are social media and how effective are social media advertisements?

3. How do social media marketing and shopping decisions relate to one another?

4. How do social media usage, importance, trust, and purchase choices relate to social media

   advertisements?

THE RESEARCH OBJECTIVES

1. Investigate the importance given by consumer towards social media.

2. Examine the association between social media importance and Social media advertisements.

3. To know the link among Social media advertisements and purchasing decision.

4. To know the relationship between Social media importance including Social media usage, Social media trust and purchasing decision with the mediation effect of Social media advertisements.

5. Overview of the variables through related literatures.

HYPOTHESES:

1. Consumers concur that social media plays a substantial and important role.

2. The most significant association between social media advertisements and social media importance was discovered.

3. The relevance of social media and purchase decisions are closely related.

4. There is a strong connection among Social media importance, Social media advertisements and purchasing decision.

5. Social media influence, social media advertising, and purchase decisions are all closely related.

THE METHODOLOGY OF RESEARCH

Both primary and secondary data were employed in the current investigation. Primary data gathered through a survey questionnaire administered directly to consumers. 200 data were collected for the research. The sample was obtained through the use of convenience sampling. The information was gathered from social media users of all ages in Chennai's south zone.

The questionnaire had eight items, two of which included demographic information		
one question comprised "Do you use social media"		
social media Importance	social media Usage	"More than 4 hours I spend using social media per day"
	social media Trust	"I trust social media"
Social media advertisements	"I give importance to social media advertisements"	
purchasing decision	"I believe that social media has an impact on my purchasing decisions"	
	"Do you agree advertising in Social media that influence consumer buying behaviour"	

The survey used a Likert scale with a five point range from strongly agree to strongly disagree on a scale of 1 to 5. Multiple regression and Structural Equation Model were used to predict the connection among Social media importance and procuring decision and the mediation effect of Social media advertisements. AMOS 21, SPSS 20 and Ms Excel were used for analysis of data.

DATA ANALYSES AND RESULTS

Percentage analysis

Age of the respondents

Table-1

Age	Frequency	Percentage
Below 30	82	41%
30-40	62	31%
40-50	48	24%
Above 50	8	4%
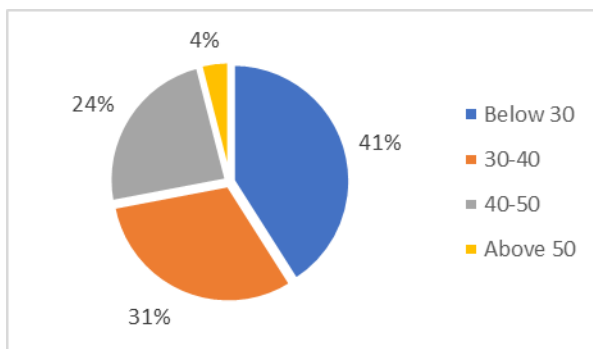
Figure-2

Gender of the respondents

Table-2

Gender	Frequency	percentage
Male	57	57%
Female	43	43%
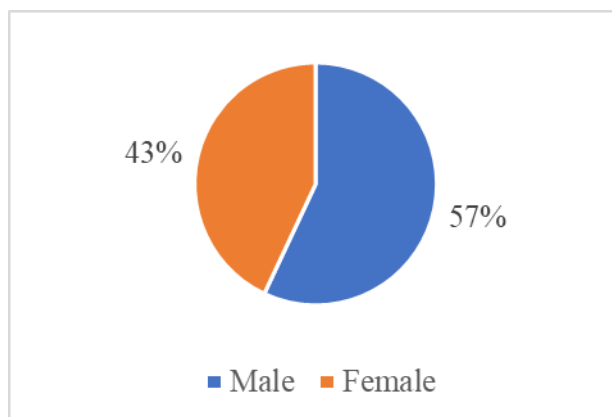
Figure-3

Usage of social Media

Table-3

Social media usage	Frequency	percentage
Yes	200	100%
No	0	0

Figure-4

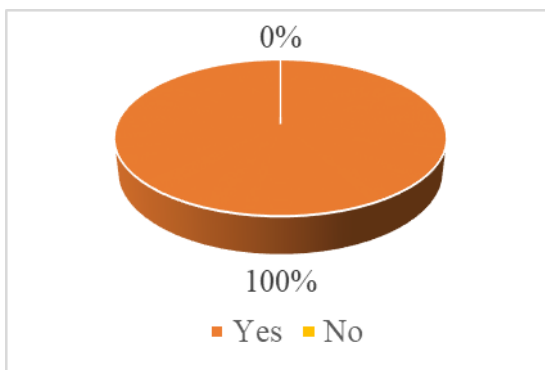### CORRELATION ANALYSIS

A bivariate correlation is one that examines the link between two or more variables. Covariance and correlation coefficient are two statistical metrics used to indicate correlation, which is the statistical link between two or more variables. By examining the covariance of the variables, the correlation test enables the researcher to determine if they are related.

Table-4

Correlations		Social media importance	Social media advertisements	Purchasing decision
Social media importance	Pearson Correlation	1	.276**	.310**
	Sig. (2-tailed)		.000	.000
	N	200	200	200
Social media advertisements	Pearson Correlation	.276**	1	.491**
	Sig. (2-tailed)	.000		.000
	N	200	200	200
Purchasing decision	Pearson Correlation	.310**	.491**	1
	Sig. (2-tailed)	.000	.000	
	N	200	200	200
**. Correlation is significant at the 0.01 level (2-tailed).				
*. Correlation is significant at the 0.05 level (2-tailed).				

A number known as the correlation coefficient indicates how closely or strongly the variables are related. The correlation coefficient indicates the direction of relationship with a plus or minus sign before it.. The range of values between -1 and +1, where +1 denotes a positive correlation and -1 denotes a negative connection. Higher the correlation coefficient, closer is the relationship and vice versa (Patrick Schober et al., 2018).

The correlation analysis in the above table 4 showed the strong affiliation amid the indicators of social media importance, social media advertisement and purchasing decision. It the table shows all the values are in positive with the significant p-value < 0.05.

REGRESSION ANALYSIS

Table-5

Testing paths	B	SE(B)	95%
DV is Social media advertisements			
R^2 = **.175**; F=53.535, p <.01			
Social media importance	.266	.036	.185, .320

The above table 5 shows the values of the model. The S.E .036. Standardized Coefficients beta value shows .266. P value is less than 0.05. It displays the lowest bound of the confidence interval at 95% is .185. It demonstrates a confidence interval upper bound of 95% at 320. R^2 value is used to determine, how much the independent constructions aid in the forecasting or elucidation of the dependent construct Upper values mean superior extents of foreseeing precision, where the R2 value is about 0 and 1. Procedures of flip through for a proper R^2 assessment are difficult to establish since they rely on the model's complexity and the field of study (Hair et al., 2006). The above table shows the r^2 value .175 with the significant p value of less than 0.01. Hence the exploration convey highest R2 value. The p-value is statistically significant (p, < 0.05). This proclaim independent variable social media importance has a strong influence with Social media advertisements.

From the results, it is observed that social media importance found to be the most significant relationship with Social media advertisements.

Table-6

Testing paths	B	SE(B)	95%
DV is Purchasing decision			
R^2 = **.130** ; F=41.860, p <.01			
Social media advertisements	.425	.068	.294, .551

The above table 6 shows the values of the model. The S.E .068. Standardized Coefficients beta value shows .425. P value is less than 0.05. It displays the lowest bound of the confidence interval at 95% is .294. It demonstrates a confidence interval upper bound of 95% at .551. R^2 value is used to determine, how much the independent constructions aid in the forecasting or elucidation of the dependent construct Upper values mean superior extents of foreseeing precision, where the R2 value is about 0 and 1. Procedures of flip through for a proper R^2 assessment are difficult to establish since they rely on the model's complexity and the field of study (Hair et al., 2006). The above table shows the r^2 value .130 with the significant p value of less than 0.01. Hence the exploration convey highest R2 value. The p-value is statistically significant (p, < 0.05). This proclaim independent variable social media importance has a strong influence with Social media advertisements.

Based on the outcomes, it is observed that social media importance found to be the most significant relationship with Social media advertisements.

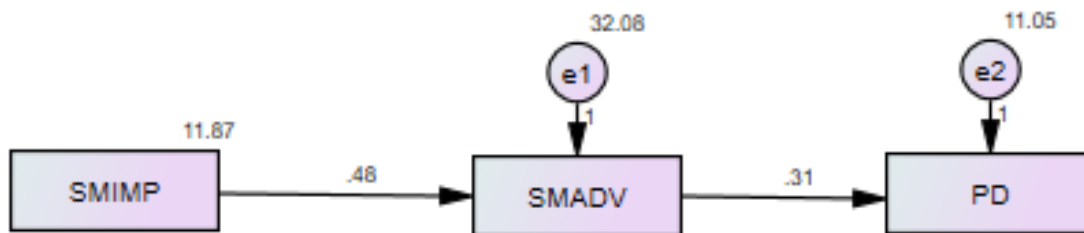### STRUCTURAL EQUATION MODEL

SEM Path- 1

Figure-5

Table-7 Measurement of Goodness of Fit

Indices	Value	Suggested value
RMSEA	.066	< 0.08 (Hair et al. 2006)
NFI	.973	> 0.90 (Hu and Bentler, 1999)
CFI	.987	> 0.90 (Daire et al., 2008)
GFI	.994	> 0.90 (Hu and Bentler, 1999)
AGFI	.963	> 0.90 (Hair et al. 2006)

Source: Primary data

Table-8 Results of Hypothesis Testing and Proposed Structural

Description of the Paths			Estimate	S.E.	C.R.	P
Social media advertisements	<---	Social media importance	.483	.117	4.144	***
Purchasing decision	<---	Social media advertisements	.305	.040	7.645	***

Source: Primary data, * Significant at one percent level
** Significant at five percent level

Models

The above table-8 shows the path P value is statistically significant, therefore Social media importance have an indirect relationship between purchasing decisions with the mediation effect of Social media advertisements.

SEM Path-2

Figure-6

Table-9 Measurement of Goodness of Fit

Indices	Value	Suggested value
RMSEA	.080	< 0.08 (Hair et al. 2006)
NFI	.913	> 0.90 (Hu and Bentler, 1999)
CFI	.907	> 0.90 (Daire et al., 2008)
GFI	.914	> 0.90 (Hu and Bentler, 1999)
AGFI	.901	> 0.90 (Hair et al. 2006)

Source: Primary data

Table-10 Results of Hypothesis Testing and Proposed Structural Models

Description of the Paths			Estimate	S.E.	C.R.	P
Purchasing decision	<---	Social media importance	.237	.076	3.897	***

Source: Primary data, * Significant at one percent level
** Significant at five percent level

The above table-10 shows the path P value is statistically significant, therefore Social media importance have a direct relationship between purchasing decisions.

FINDINGS

In this research, investigated societal impact of social media marketing on customer procurement intentions using diverse literary works. According to the study, the higher the correlation coefficient, the more the association and vice versa, therefore social media importance, social media marketing, and purchase decisions have a relationship with a significant p value of less than 0.01. Better values of the R2 number indicate higher levels of prediction accuracy, which goes from 0 to 1 and it shows the path (Hair et al., 2014). Therefore the research finds that Social media importance having a relationship with Social media advertisements with the r^2 value .175 with the significant p value of less than 0.01 at the same time Social media advertisements influencing Purchasing decision with the r^2 value .130 with the significant p value of less than 0.01. Based on the output of structural equation model, it shows both the direct and indirect effect towards the model framed in this research. The Structural Equation Model analysis of this research shows both direct and indirect relationship. Hence the investigation manifest there is a strong connection amid Social media importance, Social media advertisements and purchasing decision.

CONCLUSION

The results of the Structural Equation Model research show that the importance of social media is directly related to the decision to make a purchase since the good fit index, Normed Fit Index, Comparative Fit Index, Adjusted good fit index, and The Root Mean Square Error of Approximation are with the accuracy level. According to a structural equation model study, the value of social media and consumer purchasing decisions made through social media marketing are indirectly connected.

The regression analysis highlights the importance of social media, its use, the connection between social media advertising and consumer trust, and the impact of social media advertising on consumer purchase decisions. Purchase intent is a key element in understanding consumer purchasing behavior. Based on the significance given to social media, including confidence in social media and social media usage, this study concluded that advertisements in social media had an impact on purchasers' purchase decisions.

REFERENCES

[1] Ahiawodzi, Ayaburi, Emmanuel W., and Daniel N. Treku. 2020. "Effect of Penitence on Social Media Trust and Privacy Concerns: The Case of Facebook." International Journal of Information Management 50 (February): 171–81. https://doi.org/10.1016/j.ijinfomgt.2019.05.014.

[2] Boateng and Amankwaa (2016) (Boateng, R. O. & Amankwaa, A. 2016. "The impact of social media on student academic life in higher education". Global Journal of Human-Social Science: G Linguistics and Education, vol. 16, no. 4, pp. 1-8.)

[3] Boyd and Ellison (2007) . Social network sites: Definition, history, and scholarship. Journal of Computer Mediated Communication, 13, 210-230.

[4] Bond, C, Ferraro, C., Luxton, S., & Sands, S. (2010). Social media advertising: An investigation of consumer perceptions, attitudes, and preferences for engagement, ANZMAC

[5] Daire H, Joseph C, Michael RM (2008). Structural Equation Modelling: Guidelines for Determining Model Fit. Electron. J. Bus. Res. Methods 6(1):53-60.

[6] Gravit Hingad , Shreyas Suresh , Mahesh Pathare , Amit Nerurkar, 2022, Impact of Social Commerce on Consumer Buying Behaviour in India, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) Volume 11, Issue 04 (April 2022),

[7] Harshini, C.S. (2015). Influence of Social Media Ads on Consumer's Purchase Intention. International Journal of Current Engineering and Scientific Research, 2(10), pp 110-115.

[8] Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E., Tatham, R.L. (2006). Multivariate data analysis. N.J.: Pearson Prentice Hall.

[9] Hecht, A. A., Perez, C. L., Polascek, M., Thorndike, A. N., Franckle, R. L., & Moran, A. J. (2020). Influence of food and beverage companies on retailer marketing strategies and consumer behavior. International journal of environmental research and public health, 17(20), 7381.)

[10] Imran Anwar Mir (2012). Consumer attitudinal insights about social media advertising: A south Asian perspective. The Romanian Economic Journal, 15(45), 265-288. [Imran, 2012]. 22.

[11] Ilker Etikan, Sulaiman Abubakar Musa, Rukayya Sunusi Alkassim (2016). Comparison of Convenience Sampling and Purposive Sampling. American Journal of Theoretical and Applied Statistics. Vol. 5, No. 1, pp. 1-4. doi: 10.11648/j.ajtas.20160501.11

[12] Kalpana agarwal and Huzefa jaliwala (2013) 'Effect of Social Media on E-Purchase Amongst Youth', International Journal of Business, 3(2), pp. 131–136.

[13] Kerrie and Prakash. (2013). Attitudinal loyalty, behavioural loyalty and social media: An introspection. The Marketing Review, 13(2), 125– 141.

[14] Keller, K.L. (2009). Building strong brands in a modern marketing communications environment. Journal of Marketing Communications Vol. 15, Nos. 2 – 3, April– July 2009, 139–155

[15] Kothari, C.R. (2004) Research Methodology: Methods and Techniques. 2nd Edition, New Age International Publishers, New Delhi.

[16] Kothari, C.R. (2009) Research Methodology: Methods and Techniques. New Age International, 401 p

[17] Kumar Shubhangam, Manisha Srivastava, Ritesh Ravi, & Ravinjit Singh. (2020). INFLUENCE OF SOCIAL MEDIA ADVERTISEMENT ON CUSTOMER'S PURCHASE DECISION: A LITERATURE REVIEW. International Journal on Recent Trends in Business and Tourism (IJRTBT), 4(4), 25-31.

[18] Lee, E. (2013). Impacts of Social Media on Consumer Behaviour: Decision Making Process. Bachelor's Thesis. Turku University of Applied Sciences, Finland.

[19] Malhotra, N.K. 2010.Marketing research: An applied orientation. 6th ed. Upper Saddle River, NJ:Pearson Education

[20] Mumtaz Ali Memon, Jun-Hwa Cheah, T. Ramayah, Hiram Ting and Francis Chuah (2018). MEDIATION ANALYSIS ISSUES AND RECOMMENDATIONS Journal of Applied Structural Equation Modeling: 2(1), i-

ix, January 2018.

[21] Patrick Schober, MedStat, Christa Boer, Lothar A. Schwarte (2018). Correlation Coefficients: Appropriate Use and Interpretation, Anaesthesia & Analgesia, www.anesthesia-analgesia.org, DOI:10.1213/ANE.0000000000002864

[22] Pelling, E., & Katherine, M. W. (2009). The Theory of planned behavior applied to young people's use of social networking websites. Cyber psychology & Behavior, 12(6), 755-759. DOI: 10.1089/cpb.2009. 0109 [Pelling and White, 2009].

[23] Preacher, K. J., & Hayes, A. F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models. Behavior Research Methods, Instruments, & Computers, 36(4), 717-731.

[24] Rob FitzGerald (2019). "How Does Social Media Impact Consumer Buying Behavior. https://connextdigital.com/how-social-media-impact-consumer-buying-behavior/

[25] Steiger, J. H. (2007). Understanding the limitations of global fit assessment in structural equation modelling. *Personality and Individual Differences, 42*(5), 893–898. https://doi.org/10.1016/j.paid.2006.09.017

[26] Suryawanshi P. The social media – A powerful tool for advertisement and branding. J Manag Res Anal. 2019;6(4):185-90.

[27] Zhao, X., Lynch Jr., J.G., Chen, Q., 2010. Reconsidering Baron and Kenny: myths and truths about mediation analysis. J. Consum. Res. 37 (2), 197e206.