Study of Influence of Using Internet on Modernism

(Case Study of Male and Female High School and Pre-University Student from Draab City)

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ABSTRACT

Recent research has been conducted for measuring modernism and the effect of using internet statistical population of the research is including 7935 persons (all high school and pre-university students from Darab town). Sample size that has been measured by the formula of Cochran's sampling is equal to 3there is no meaningful relation ones including 178 girls and 188 boys and the method of sampling is a randomly multiple-stage cluster one. Research method is correlative-descriptive in the form of measuring. That instrument of gathering data is also a standard questionnaire. For analyzing data, statistical methods of person correlation coefficient, two independent groups of t-test, regression analysis, factor analysis and path analysis are applied. The results of research show that there is a meaningful relation modernism and the tendency to critical thought, ability of sympathy and between age and modernism. But there is no meaningful relation among rationality and democracy orientation and modernism. Also the assumption of the differences among girls and boys has not been performed in order to modernism, education level. However, main assumption of research that claims the existence of a meaningful relation between internet and modernism is confirmed by correlation coefficient 26.0.

The result of regression analysis shows that eventually independent variables in the manner of effectiveness on dependent variable are consisting of the level of using internet and respondents age that on the whole 8 percent of fluctuations of dependent variable. The variables of education and age are out of regression equation.

KEYWORDS: Modernism, internet, social changes, critical thought, communicative rationality, mass media

INTRODUCTION

Social changes are including visible changes during the time that are not temporary or instable and effect on the structure of social org and the flow of orgs history will be involving (Roche, 1994, p26). For changing every society, it is necessary to change juveniles' performance and for changing juveniles' performance, transformation in the method of out looking the problem is a fundamental issue that the process of individual sociability is accepted by sociability of secondary agents. One of agent is mass media and internet is one of them. It is in the way that internet is being expanding in present world. No communicative devices have very quick expansion up to now like internet. These days, internet, passes the borders and connects the humans. By developing internet, the changes have been occurred that result in cultural and social changes in different fields. (Akhtar Mohagheghi, 2006, p4). More ever, using internet during the years of 2001 to 2006 has a growth about 2500 percent. In the manner that internet, at the present time, plays a considerable role in pp life and the range of internet application is much expanded that include medicine, philosophical sciences and urban services. All of the humans don't think that all changes in different social fields have been made by entering internet to human life. This odd change makes a question in the minds that can we consider internet as one of factors of social life and due to considering modernism as one of types of social change, can internet be able to change the perspective of humans against modern and traditional values? Can we say that internet lead to modernism? There for, this research has been conducted for measuring the level of modernism and the effect of using internet.

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Research background:

Ghasemi and Zakeri (2006) have performed a case study under the title gradual axis of perspective differentiation of men and women into modernismand their items in Isfahan. Statistical population is all citizens between 20 to 59 years old and statistical sample is 382 ones who are selected by age group, gender and the area of dwelling and according to performed study, classic assumptions, based upon being traditional among women and men by more modernistic, are leaving their efficiency to confirm perspective and behavioral differences. Comingnear women and men to each other in the view of economical, cultural and social roles and even political one leads to decreases behavioral and perspective differences. Also, it is obvious in this study that before influencing modernism on the perspective of human, it is influenced by social-economical and cultural situation and then similarities between men and women can lead to homogeneity and convergence of them in the view of modernism.

Azin and Kobra Pirmohamadi (2009) performed a research under the title a study of the role of modern mass media by focusing on satellite andinternetand their effects on cultural identification of 390 students from Chaharmahal and Bakhtiari province that are selected by multiple-stage cluster sampling; after gathering field data and performing statistical tests, it is clear that there is a meaningful relation among variables of age, gender, social and economical situation, motivation of using mass media and level of observing Islamic principles, cultural identification. But there is no meaningful relation between dwelling place and cultural identification. Another study conducted by Ghaderi, (2007), under the title "study of relation of using internetand religious identification of user" is an application of measurement method and by using questionnaire technique on 1516 users over 15 years old in Tehran" who are selected by cluster sampling in family and statistical population in café Net (percentage of recognition andrelation of using internetand religious identification of users of internet, active participation and activeness of users to user internet, considering being real content of web sites from internet users, economical-social base and the level of users' education, they are a meaningful relation whit religious identification of users. Also the variable ofusing of internet among users shows there is no a meaningful relation with dependvariable. In a research under the title ((girls andinternet application)) (2009) internet is introduced on of beneficial global media for communicating and international interaction that has a determinant role to transfer culture and information in this context, through document survey, gender differences in using level, application type and different effects of internet on female juveniles and teenagers have been studied. The results of study show that the threat of girls' identification, internet addiction, culture-acceptance via internet, involving virtual love and sexual abuse are serious threats for girls as users. In one research conducted by Zolfaghari and Felli under the title ((study of human status in social atmosphere on their tendency on democratic values)) (2009) studied the status of juveniles of Tehran in social atmosphere on their tendency on democratic values. Research method is an explanation of measurement and study sample is including 391 female and male younger persons between 18-29 years old living in Tehran who is not randomly selected by rational sampling.

The device of study is the questionnaire. The obtained data is statistically analyzed in two methods descriptive and inductive one. Main findings of research show that there is a meaningful relation among economical, cultural capital and the tendency to democratic values, so that by increasing economical and cultural capital of studied people, their tendency is higher to democratic values. There is a diverse relation between social capital andthe tendency to democratic values, so that by decreasing social capital, the tendency to democratic values is higher also there is a meaningful relation among field such as age, educationand democratic values, it means that by raising age andeducation, the tendency to democratic values is increasing. But research among variables of marriage and the tendency to democratic values. Moreoverthere is a meaningful relation between social space and human status and the tendency to democratic values in the manner that by raising human status in social space, the tendency to democratic values is higher and by decreasing human status in social space the tendency to democratic values is lower.

Theoretical framework:

Generally, every researcher user a strong theoretical frame work and model for canalizing the research to obtain information as well as determining research's findings. It is different based on studied issue. In some studies, assimilating multiple theories and in others only one theory has been

derived. At present research with the aim of studying the effect of using internet on modernism of student assimilation of both perspectives have been applied for theoretical frame work of research. One of Daniel Lerner' view relating to renovation within the theory has carried off cultural propagation and another view from JorgenHaber mars is relating to use internetand its effect on expanding modernism's factor such as rationality, critical thought and having democratize morale. Lerner believes that renovation and modernity occur by extending cultural elements in west countries in the world. He considers main elements of introducing mental mobility and preparation for effective modernity as follows:

-expansion of collective media
-literacy and promoting education
-urbanization
-participation

Among for elements favored by Lerner for renovation, first element namely expansion of collective media has been taken into consideration at present study. Modernism is one of collective media whit a different quality that this medium in addition to cover andincluding all other ones make a possibility of thoughts and contemplations, exchange. Thus it can be rationalized that modernism involves not only first effective element on renovation in the view of Lerner but also it exceeds this limit. Lerner says that the conceptions and beliefs have been changed by entering urban facilities and the field of mental mobility is growing up there. In Lerner's view, humans of third world would be modernist by exposing modernistic devices and institutions. A modernist has highest level and grade of modernistic thoughtand one of his characteristics is sympathy or putting himself in others' situation. He found by observing studied person that modernists are more success, informed and younger that traditional ones.

One of modernism factors is to having democratizedmorale.Habermas (1996) sought to present sufficient explanations about the quality of organizing impressive flows onachievingdemocratize in highly expanded from. Now it is a time to make clear thatinformal layers of political society that have been recognized by Hamberasand suffered a kind of communicative deficient can be compensated through the media like internet.

From other modernism factors, there are rationality and having critical thought. Hambermas believed that in the proceedings of making history changes independent societies have been established by critical rational discussions. In the general area of Bourgeois, inductions are confirmed by relying on reasoning power or combined together not compelling one. In acquaintance with internet result in that ones who are bashful or in a manner they control their feelings find further self-esteem for conveying beliefs, particularly in a field that contrasting political thoughts of persons may be dreadful physically. Moreover, occupation, class, origin, language, body, gender, clanship, religionist, height, speech obstacles etc are considered as potential barriers for face-to-face discussion in real world that are not visible during communicating in the internet. Therefore, it can be said that in these cases, making consensus relies finally on induction power.

The reason of using Daniel Lerner's view by the research within theoretical frame work shows that Lerner has a general view point against modernity phenomenon and claim that by entering modern devices and institution (hardware's) into third world countries, thoughts and views (software's) are becoming modern. It is a general view that consists of all modern devices such as computer, satellite, TV, internet, radio and so on. Also Lerner nominates multiple interfering elements to generate modernismand most important element in the view of this research is to expand collective media. But Habermas points distinctly out internet that is a depend variable in the researchand claims that using internet with predominant interactive space develops the democratize morale, rationality, critical thought that are of modernism elements. Thus, the plan of both views is rational within present impressive theoretical study.

Research assumptions

1- It seems thatthere is a meaningful relation using internetand tendency to critical though among students

2- It seems thatthere is a meaningful relation using internetand communicative rationality among students.

3- It seems thatthere is a meaningful relation using internetand students

4- It seems thatthere is a meaningful relation using internetand ability of sympathy.
5- It seems thatthere is a meaningful relation using internetand age and modernism.
6- It seems thatthere is a meaningful relation using internetand different education courses in the area of modernism.
7- It seems thatthere is a meaningful relation using internetand among male and female students in the area of modernism.

METHODOLOGY

The method of sampling is a random multistage cluster. Research method is a correlative descriptive one in the form of measurement. The device of gathering data is a standard questionnaire. Statistical population in the study is including all male and female high school and pre-university of 33 in the year 2010. The number of juveniles is 7935 including 3920 boys and 4015 girls. Sample size is calculated by using the formula of estimating Cochran sample with reliability coefficient 95% among 3there is not a meaningful relation ones (178 boys and 188 girls).

Validity and reliability of questionnaire
The questionnaire of research is consisting of 5 sections:
1- Level of using internet
2- Communicative rationality
3- Democratize
4- Standard critical thought ascertained
5- Standard sympathy ability

(The validity of all dimensions including ascertained and standard in an experimental research has been examined by the method of Cronbach's Alfa and factor analysis that are presented in the following tables. Moreover, before distributing last questionnaires, the number of 50 questionnaires has been experimentally distributed and then gathered, after that they are analyzed statistically including descriptive and inductive analysis method.

*Table (1): validity and reliability of standard items

Questionnaire	Alfa	Kmo	n
Critical thought	0.86	-	13

*Table (2):validity and reliability of items after distributing main and experimental questionnaires

Questionnaire	Alfa	Kmo	n
Communicative rationality	.053	0.58	4
Democratic	0.56	0.59	5
Critical thought	0.86	0.86	13
Sympathy ability	0.61	0.74	8
Usingthe Internet	0.65	0.68	10

DATA ANALYSIS METHOD

After extracting and coding gathered data, the analysis has been performed by software SPSS. According to the entity of research's variables, different statistical methods have been used like two independent group t-test, Pearson coefficient multiple variable regression.

Research's finding and conclusion:
In this section for obtaining research' results each one of assumptions has been measured regarding to the type of assumptionvariable corresponding suitable statistical test, in order to research theoretical frame work, Hambermes believes that independent communities have been established for rational and critical discussions. Humans of third world would be modernist by exposing modernistic devices and institutions. A modernist has highest level and grade of modernistic thought and one of his characteristics is sympathy or putting himself in others' situation. He found by observing studied person that modernists are more success, informed and younger that traditional ones.
 Based on this theory assumption 1and 2 have been designated and the former has been confirmed and the letter has been declined.

Assumption1: It seems thatthere is a meaningful relation using internetand tendency to critical though among students.

Table (3): Testing significance of correlation coefficient of tendency to critical thought based on using internet

Variable	Number of respondents	Person correlation coefficient	Significance level
Using internet	384	0.45	0.000

Assumption2: It seems thatthere is a meaningful relation using internetand communicative rationality among students.

Table (4): Testing significance of correlation coefficient of communicative rationality

Variable	Number of respondents	Person correlation coefficient	Significance level
Using internet	384	0.02	0.71

One of modernism factors is to having democratized morale. Hambermas (1996) sought to present sufficient explanations about the quality of organizing impressive flows on achieving democratize in highly expanded from. Now it is a time to make clear that informal layers of political society that have been recognized by Hamberas and suffered a kind of communicative deficient can be compensated through the media like internet. For testing this theory, assumption3 has been made by researcher and after performing statistical test is not confirmed.

Assumption3: It seems thatthere is a meaningful relation using internetand students.

Table (5): Testing significance of correlation coefficient of communicative rationality

Variable	Number of respondents	Pearson correlation coefficient	Significance level
Using internet	384	0.032	0.559

In the view of Lerner, humans of third world would be modernist by exposing modernistic devices and institutions. A modernist has highest level and grade of modernistic though and one of his characteristics is sympathy or putting himself in others' situation. He found by observing studied person that modernists are more success, informed and younger that traditional ones. Therefore we tended to test both Lerner's assumptions in the studied population of Shiraz. For this purpose, we make an effort to produce assumption 4and 5. The former has been confirmed; the letter in spite of existing meaningful relation among variables and the form and orientation of assumption has not been confirmed.

Assumption4: It seems that there is a meaningful relation using internet and ability of sympathy.

Table (6): Testing significance of correlation coefficient of sympathy ability.

Variable	Number of respondents	Pearson correlation coefficient	Significance level
Using internet	384	0.internet	0.039

Assumption5: It seems that there is a meaningful relation using internet and age and modernism.

Table (7): Testing significance of correlation coefficient of sympathy ability.

Variable	Number of respondents	Pearson correlation coefficient	Significance level
age	384	0.12	0.026

In the view of Lerner, one of most important elements to introduce mental mobility and preparation that are effective for renovating is literacy and promoting education. Along this explanation, assumption 6 has been made and after testing it proportionate to these variables, it is declined.

Assumption6: It seems that there is a meaningful relation using internet and different education courses in the area of modernism.

Table (8): testing Pearson correlation coefficient based on different educational bases

Variable	Number of respondents	Pearson correlation coefficient	Significance level
Grade	384	0.063	0.24

It seems that there I a difference among different educational courses relating to modernismand mentioned assumption, significance level is declined. For comparing the difference relating to modernism, variance analysis test is used and it is announced based on F-value.

Table (9): one way variance analysis for comparing average modernism among different educational courses F-test of sig

Variable	Sum of squares	df	f	Mean square	Significance level
Within group	455.94	4	0.637	113.98	0.643
Inter group	3220.05	18	-	178.89	-
Sum	3676.0	22			

For comparing the level of modernism in two female and male groups at present research, field variable of gender as independent one andmodernism as dependvariable have been used and it lead to make last assumptionand after testing, sig difference is not observed in both groups.

Table (11): Regression equation of entered variables for explaining variance of depends variable.

Step	Variable	R	b	beta	(R)2	t	Significance level
1	Internet	0.25	0.50	0.25	0.06	4.62	0.0
2	Age	0.28	0.51	0.10	0.08	1.98	0.04

After testing assumptions, for determining the effectiveness of each independent variable on depend variableland predicting the effect of adding each unit of independent variable on depend one, step by step Regression analysis is performed. 8% of changes of depend variables is relating to use internetand gender, also variables of educational course and age is excluded in Regression model.

Table (11): Regression equation of entered variables for explaining variance of dependsvariable.

Variable	Number of respondents	Person correlation coefficient	Significance level

After Regression analysis, we use path analysis for testing the level of accuracy of research theoretical model.

Conclusion

In the diagram of path analysis, variables of internet and age have direct effect on modernism and age has both direct and indirect effect on modernism. Also it is observed that age and education affect on modernism. Two variables of using internet and age have a direct effect on modernism. Using internet as main variable of research has highest effect on depend variable. Looking at research theoretical framework presents that Hambermas and Lerner's assumption about influencing using internet on modernism and their elements has been confirmed. Lerner in his studies in various Middle-East countries concluded that modernism population is mainly juveniles in this study, there is a meaningful relation between age and modernism but it is the opposite of Lerner's assumptions. On the one hand, perhaps the reason is variables which are not involved in the research. For example, adults who carry on their shoulder occupational problems and parental responsibilities have not enough time to surf the internet unless in particular cases. They receive new and information in other channels such as workplace, colleagues, TV and newspapers or by partial argument in social network and discourse rooms which establish in the workplace or bus. On the other hand, it can be studied in the article like Lerner's one about elements such as urbanization, participation, Consumerism and following fashion that shows the similar results by Lerner's, now that considered elements in this research are sympathy, educational course, tendency to critical thought, communicative rationality and democratize. These cases are of optimum characteristics of higher age and experienced minds, though statistical population is selected among 18-25 years young people Lerner focuses on. It is observed path analysis that there is a meaningful relation among educationand gender with using internet. Average internet usage is higher among men than women and this differentiation is in agreement with table and descriptive diagrams and is further observable through internet purchase, news and higher downloads. In other cases, both groups

are similar. In fact, the women while surfing the internet look for lower news, transaction as well as downloads. Education course, also, has direct effect on using internet. It means that the level of students' modernism is different based on study course.

Suggestions:
    We find by looking at descriptive findings of the research that the level of communicative rationality is intermediate-going down trend it is suggested that various cultural programs including periodical training, publishing books, cinematic and visual activities for enforcing communicative rationality.
*Descriptive statistic show that the level of critical thought of studied population is proper and it is suggested that next researches have been conducted along recognizing other effective factors on expanding critical moral.
*Doing similar researchesand measuring level of modernism factors and their effects
*Pathology of using internet relating in young people and teenagers
*Producing content and smart space for proceeding and guiding young people in the way of modernism according to culture, value system and religious and national account books
*Performing this study in a qualitative method due to the content of research subject and Iranian society who are inclined to intermediate and convey conservatively their beliefs.
*During distributing questionnaire in the researchand previous researches it is determined that same of the people show low interest to the colleagues and they show their disinterestedness and unawareness of importance of social study.It is suggested that various cultural programs are presented by informing the importance of performing social studies and it is role on elevating public culture and preventing various damages and social anomies in first stage and encouraging people to assist whit the researchers in second stage.

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