E Learning Performance a Comparative Study Public and Private Organizations

Dr. Asif Uddin* Nadeem Siyal**, Muhammad Idrees Rahoojo***, Kiran Irfan****, Tahir Hussain****, Shahida Khan*****

*Jinnah Sindh Medical University Karachi-Pakistan

**National Institute of Cardiovascular Disease Karachi-Pakistan

***SMK Institute of Nursing Shikarpur-Pakistan

****Indus College of Nursing and Midwifery Karachi-Pakistan

****Hamdard Institute of Management Sciences Karachi-Pakistan

*****Qadri College of Health Sciences Karachi-Pakistan

Abstract-

The objective of this research was to perform a survey relating to students' and teachers' opinions as well as experiences regarding on-line classes. The survey method was utilized with regard to data collection. The data was examined using SMART PLS. The findings show that the students were satisfied with on-line education throughout the crisis of COVID-19.

Keywords: E learning, Motivation, Internet avaibality' Behaviour'

I. Introduction

E-learning has expanded greatly in the last few years as modern technology has been incorporated into training and education. E-Learning might be described as instruction provided electronically over the internet, multi-media or Intranets systems for example DVD or CD-ROM (Hall, 2003; Singh, O'Donoghue, O'Neill, 2004). As many consumers nowadays have accessibility to direct Web-based connections, e-learning is usually recognized with web based learning (Hall, 2003). Several writers talk about online learning, web-based education, and e-learning interchangeably, a method that'll be used in this paper. E-learning might be applied in many different ways, for example by using self-paced impartial study units, asynchronous active sessions (where individuals work together at distinctive instances) or synchronous active settings (where students meet right away) (Ryan, 2001). Estimations claim that the sum of money US organizations invested in the IT-based delivery of education increased from 3 billion dollars in 1999 to 11 billion dollars in 2003 (Koprowski, 2000). Additionally, the global industry for e-learning is estimated to become more than 18 billion dollars after 2005 (Moore, 2001), with many businesses showing that more than half of their education and training will be provided electronically in the next 5 years (Gold, 2003). Universities and colleges also continue to enhance their web-based course solutions to attract people for example working people who often have minimal access to advanced schooling (Haugen et al, 2001; Liaw and Huang, 2002) so as curricula plus company modifications need new means of providing education and learning to the people (O'Neill et al., 2004; Schleede, 1998). Predictions suggest on-line solutions continuously enhance considerably in academic along with company settings for a long time in the future (Meyen et al., 2002). Even though e-learning (as well as other blended methods which incorporate on-line elements into conventional classes) keeps growing quickly, still it remains in an initial phase of development. For that reason, deliverers and developers of web based education require more knowledge of how students understand as well as respond to aspects of elearning (since student opinion and mindset is crucial to inspiration and education) with how to use these methods most successfully to improve education (Koohang and Durante, 2003). This study analyzes the observed use of the usage of online learning programs in education and learning settings. The outcome elevates essential factors regarding making use of on-line education.

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On-line education and courses are significantly turning into a part of the learning and education system throughout the world. Online channel makes education and learning hassle-free and effortlessly accessible by all. The education and learning field has been a continuously growing thing. However, online learning has been among the largest sectors worldwide with regard to advanced schooling. Although on-line and distance programs have been there for a very long time, the introduction of the on-line mode of taking instructional classes as compared to the conventional faceto-face class room strategy in colleges and universities has been regarded just within the last couple of years. With regards to the academic system, face-to-face class room strategy has been one of the most prominently utilized. Understanding and ease of using off-line techniques and insufficient desire for on-line channels of training have been the most important obstacles to the adoption of on-line channels of education and learning. However, in the wake of the present COVID-19 crisis circumstance conduction of online classes at the university and college level has been turned necessary by the academic boards. Covid-19 has taken out a significant alternation in the academic method in the whole world. Universities around the world have progressed to virtual classes suspending traditional school rooms. On-line education is at an earlier phase of development in the world. In Asia, although this change has been a mix of negative and positive for many private educational institutions, the govt universities and colleges still are adapting. Whilst modern technology makes points obtainable and simpler, it is also restricting, particularly in Asia, where lots of students deal with a problem when it comes to internet access. As a result, results in difficulties with participation and attendance in on-line sessions, therefore making the variation of on-line channels of education and learning a problem.

At the same time, face to face class room establishment provides instant feed-back to faculty associates and learners regarding the high quality of lesson, experience and delivery. Within a classroom setup, an instructor can look at students' body gestures as well as these non-verbal clues helps the instructor to instantly make a change within their teaching method to best suit the requirements of the learners. Further individualized and questioning attention in the class room atmosphere to get a much more detailed understanding of the student's clearness with ideas being educated is the main benefit in comparison with on-line channels. What may easily be observed and contacted in the class room needs a bit more searching and awareness in an on-line class. Examining and studying how web based instructional classes need to be arranged and designed by taking into account the teachers' and students' viewpoints must be a fundamental element of constructing an on-line teaching strategy along with education. Earlier studies have researched students' opinions and satisfaction regarding on-line education and physical learning. Spielman, Pangelinan, and Fortune (2011) examined more than a hundred students who took and also participated in either an on-line learning section or physical learning of the Tourism and Recreation course at a modern university in North California, US and discovered that no mathematically considerable change in education preference was identified among those participating in the two various learning processes. One more research by Tratnik (2017) pointed out considerable variations in student satisfaction when on-line classes had been compared to face to face learning of English being an international language. Students getting the online training course were observed to become more pleased with the course in comparison to their physical/face-to-face counterparts.

II. LITERATURE REVIEW

What we should learn about learning is a crucial starting place for going through the usage of modern technology and also the success and design of on-line and mixed learning. The foundation of efficient on-line education is just like the building blocks of efficient learning generally. One of many practices surrounding how individuals learn, this research paper concentrates on a few areas of education, which often are linked with the usage of the web based learning elements incorporated in a couple of courses of the research. Learning theory shows that learning is enhanced or promoted (1) whenever learners are actively included in the education, (2) whenever projects reveal real-life experiences and contexts, and (3) when deep learning or critical thinking is marketed via reflective or applied activities (Bransford et al., 2002). All these areas of learning are reviewed, with the subsequent debate of how the on-line education elements incorporated within the two courses had been selected with these proportions in thought. Many studies have indicated that a student's productive participation in the education procedure improves education, a procedure also known as productive learning (Benek-Rivera et al., 2004; Sarason and Banbury, 2004). Effective learning requires "instructional actions including students in performing important things and considering what they're doing" (Bonwell and Eisen, 1991). Active coaching or learning by doing has been discovered to lead to beneficial learning results (Picciano et al., 2005). As numerous innovative

technologies and internet based routines are involved, on-line classes have the possibility to generate conditions where learners positively participate in material and understand through performing, improving their knowledge because they develop innovative information (Johnston et al., 2005). As Driscoll (2002) notices, whenever learners become energetic students in the knowledge development procedure, the main focus of education changes from addressing the programs to dealing with concepts. And making use of modern technology resources 'to think with' allows dealing with concepts and gaining knowledge from that procedure (Scardamalia, 2002). Additionally effective involvement, learners better understand as well as useful material when issues and circumstances are set up within the context of real-world problems and conditions (Eble, 1988). Real circumstances and situations might provide stimulation for education, providing better student inspiration and anticipation for understanding, simulating and representing real-world issues and contexts, delivering a crucial framework for student thinking (Quitadamo and Brown, 2001). Putting an emphasis on real tasks in perspective instead of a summary of context actions results in a higher probability of education (Driscoll and Carliner, 2005). Modern technology and on-line training can help education by delivering real-life contexts to interact with students in fixing complicated issues (Duffy and Cunningham, 1996). The usage of real-world circumstances can encourage in-depth learning with the progression of critical thinking abilities. Critical thinking requires the productive and skilled evaluation, functionality, and use of the info in exclusive situations (Scriven and Paul, 2004). Learning maintenance and overall performance show improvements as learners are necessary to apply what they've learned and reflected upon the education (Bereiter and Scardamalia, 1989; Bransford et al., 2000). However, on-line coaching can provide possibilities to encourage reflective ideas and in-depth education via logically including and using rules learned. On-line training, like a simulation, thrusts students into a learning practical experience, developing engagement and offering activities that positively participate students to evaluate, evaluate and synthesize info while creating knowledge (Driscoll and Carliner, 2005). Constructed upon a basis of education theory, e-learning could offer several essential benefits. To students, on-line coaching provides the versatility and comfort to accomplish learning units where and when a student needs it. Furthermore, on-line education and learning have been utilized to minimize costs and also to offer an effective, standardized method to provide content. Additionally possible financial savings, e-learning has a pedagogical perspective beyond conventional methods associated with the foundations of learning discussed. For example, multi-media abilities might be utilized with learning activities that enable students to use ideas logically. Or, animation might help illustrate ideas and occasions hard to depict in conventional classes that, consequently, can help an even more appropriate conversation of crucial concepts. E-learning delivers "new" info not found in conventional sources, successfully reinforcing other course info via providing illustrations, details, evaluations, and exercises. In this manner, on-line instruction could improve learning in comparison to what might be achieved with a class room just approach (McEwen, 1997). Although, there are possible drawbacks or restrictions to on-line learning. For instance, one research determined that asynchronous e-learning wasn't efficient

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being a stand-alone approach to provide technological training for IT experts. Students within the study said that e-learning removes class room interaction time, where a considerable amount of real-learning occurs as consumers incorporate info, use software programs, utilize knowledge to solve problems and connect to the teacher as well as other students (Laine, 2003). However, despite the different drawbacks of E-learning, there are also a lot of benefits of online classes and the research project shows that the majority of students were happy and satisfied with online learning

III. MATERIAL AND METHODS

Research Methodology was based on the choice of methods, techniques, as well as approaches picked out for accomplishing the study and gathering data for examining the research purpose and also it is dependent on the type of the research queries. For implementing the research methodology, it had been necessary to consider the nature and purpose of the research into consideration (Kumar, 2010).

In this research project the research methodology was made to collect the point of view of the students and teachers and students regarding E-learning.

Sample Technique

Simple random sampling technique was used in this research project.

Research Design

Quantitative research design was used for data analysis.

Sources of Data Collection

The gathering of data can be the most important method in a research project. There are various most effective research techniques around the globe, though; in the event that we're not able to gather the essential data we can't have the ability to accomplish our research study. Data collection takes much time and energy and tedious job that needs complete organizing, complete work, information, motivation plus more to have the capability to complete the work properly. Data collection begins with discovering which kind of facts is needed, associated with the collection of the data from the various part of the population. And then, it is essential to make use of a particular approach to gather the information and data from the chosen sample (Hox and Boeije, 2005).

In this research project the questionnaire was developed (attached in the appendix) and filled from the students and teachers from Jinnah University BBA health, and Karachi Institute of Health Sciences. The data was collected from 350 participants.

Data Analysis

The data was collected by using questionnaires that's why distributed to the teachers and students for getting information about their points of view regarding e-learning. The question years have included two sections the first section was about the demographics and the second section was about the questions that were asked by the respondents. After collecting the data from the students and teachers the data was analyzed by using Smart PLS software. How about the previous literature was also reviewed critically for analyzing the data of the research project as well as the answers to the questions also properly analyzed during this research.

Target Population

The data as collected from the students and teachers from Jinnah University BBA Health and

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Karachi Institute of Health Sciences. The sample size in this research study as 350 participants.

Questionnaire as developed to get the point of views of students and teachers regarding e-learning.

Dependent Variables

• E learning

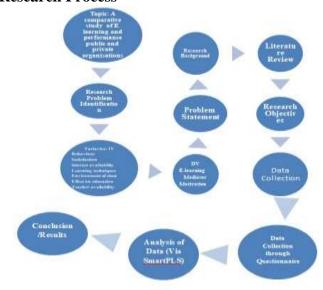
Independent Variables

- Behaviour
- Satisfaction
- Internet availability
- Environment of class
- Student Engagement

Mediator Variable

Motivation

Research Process



IV. RESULTS

Below are the results that got from the 1st 100 respondents from Jinnah University BBA Health.

Jinnah University BBA Health (1st 100 Respondents)

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Below are the results that got from the 2nd 100 respondents from Jinnah University BBA Health.

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Model Name			1196	1,000	1.000	100	1881	6,811	1306
Culfineer	9		1,900	2386	1,000	1000	420	1401	-176
1 Sangering			1,000	100	1,000	1,000	1/40	feet	Tayle .
Cuidos I			1,326	286	1.000	100	8211	3494	1,300
Oscens 2	- 1		248	2386	1,000	1.00	1,810	1385	1.00
Control I			100	3.00	1.000	100	8.821	(COR)	1.06
Guettro+	16		186	288	1.000	100	140	1286	0.000
(Colores)	10		2340	1.00	1,000	11000	9,001	1.704	0.79
- Guetton C	10.	- 4	2.00	138	1,000	4,000	2.000	978	dáte
III Quiphre T	11		2,646	2366	1.000	4,000	1885	1,874	0.581
- Control	18		244	188	1.000	4,000	1.00	856	581
Guetter F	11	*	2,076	2000	1.000	4,000	ART	380	104
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Control 10	22	-	1,000	3.00	7,000	4.00	140	2.000	3160
(Danker)	.0		140	3,000	1000	486	3.76	6320	0,6
Question H	34	- 4	1,610	1.000	1,000	489	1,00	(38)	085
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Series 20			1.000	100	100	1,00	3,645	8,000	146
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Question 27	- 11	10	1386	3.00	1,000	426	178	3,671	677
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- Daretten M	46		1000	100	146	100	100	-290	-0.02
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Quetto N	41	- 4	1967	2,600	Chair	3.69	2.59	374	1015

Jinnah University BBA Health (Remaining 50 Respondents)

Below are the results that got from the remaining 50 respondents from Jinnah University BBA Health

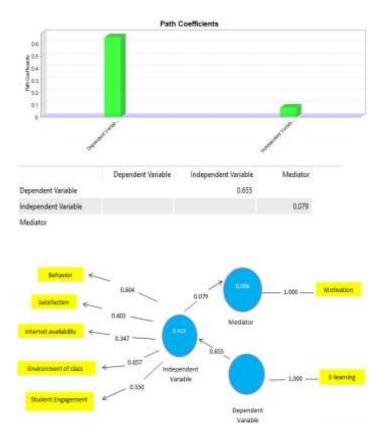
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- Article		181	1496	100	1000	140	340	11000	-040
Total Control			149	1000	1,000	100	340	11,000	11417
Mark to			1189	1,600	1,000	1.06	348	54%	2,413
Gutfret			1400	3.000	1,000	0.000	6479	0.000	-1.70
Louise		1.0	1396	1200	1,000	1,006	0.001	75465	746
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- Swelco			1396	0.000	1,000	1,000	.000	(1,160	1040
Contract			1,000	3,000	1.000	1.000	9.69	11.000	-0.017
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· Courses		1.00	126	dien.	1000	3466	440x	4214	New York
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- Sisteman			240) 466	100	3,000	140	2.81	0.10
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- Diamer			(1,000)	2,400	3.89%	3.000	100	190104	3.62
Disertion !	4 20	- 1	2460	2.000	1,546	100	35%	-8.89	-0-400
(person)	5 21		1.90	2,980	1,890	1.68	159	0.963	1,01
Detroit	6 25		1,04	346	0.000	3,00	0.007	0.403	146
Doeston	9. (8)		date	3 940	1,600	3,900	0.004	0.946	9,40
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Darlin	п н		1.000	198	1.00	199	1360	100	204
(hallen)	o	9	040	1199	196	199	0.000	0.594	1059
Courses	(A.)	. 4	199	2,600	1,000	7,490	9.60	49,071	939
Outres	9 H		2,600	2.000	1.000	3.646	9591	-0407	19.546
- Quemmi			0.940	2 900	1,000	3.000	540	0.462	9,01
Guerra	p 14		2,400	3,000	1366	4,466	4466	-0.485	0.00
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Guerral	E 36	- 4	1100	100	196	149	540	100	0.116
Garme			1,680	1980	1.6%	136	940	9.686	200
Games	M (8)		236	1000	196	Life	5475	0486	3.60
Garrier	6 47	- 0	2440	3,600	9,800	186	.0341	548	440
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Karachi Institute of Health Sciences

Below are the results that got from the respondents of Karachi Institute of Health Sciences.

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Quantur	D B	- 06	1.00	4,000	3.000	3.09	1.00	6.00	0.25
Quarters		- 4	386	1200	100	100	190	4000	930
Quemos			1,000	\$1000	1.000	3.000	1.900	15,501	940
Gertler	10	- 4	1361	0.000	100	3,000	1400	6.78	1,01
Quemn	11 11		100	3,000	1,000	1000	1.075	4000	0.29
Dando	- 1	- 8	1990	2,000	1.000	3.00	1,965	-086	100
Age			1660	2.000	1.000	4.000	1.94	-0.000	1.19
Quillion	m 5	- 1	100	200	1,000	2.000	546	-880	-2.90
Question	T		1,000	2.000	1000	4800	1896	1.70	179
Quemm			2300	3.00	3400	4.00	3.00	1881	1400
Quetton	10		2306	2.600	3.69	4,000	0.000	226	1.80
Quemn	E 10:3	- 4	196	2460	1,000	420	9304	\$113	1,00
Question !	18		2.0%	2.00	1,000	3.00	940	6,001	467
Games	H .		2376	1.00	286	436	2766	-0.000	1.09
German		5.4	2,000	2.880	1,880	4.00	9.600	2201	4179
Goemey	N IT		1961	2.00	1,000	436	9455	346	1,415
Dermin !	2 16	.0	1990	1500	1486	480	0.940	0.694	580
Guerrany	6 W		2(%)	13500	yane	4.00	158	atw	1,170
Dation	9 31		2.569	1.00	1.000	4.000	6.777	0.764	5.046
Quemn	M. 21		146	2001	100	1.00	3.00	100	1849
Design	9 31		2449	2.00	1000	100	186	4331	196
Doesnin.	N 25		1290	286	1,000	1000	1077	4264	6301
German	2		2709	1.000	1.000	4000	3.665	1,625	338
Guetters	2 28		246	100	1.000	4,000	1,000	1399	1.10
Goerne	a 39		1,636.1	2.98	1.000	3.000	9.590	-4298	3387
Disting	N 34		1966	1.00	1.000	5.000	849	-twt	136
Quartery	9 31		1916	2366	1.000	1.000	640	1361	120
Dation	5 20		2.569	1.00	1.000	4.000	6.777	0.764	1.04
Quemn	W. 321		146	208	100	1.00	A401	1000	1,64)
Question	9 31		246	2.00	1000	100	130	4331	1.00
Doesnin I	n 2f		(29)	286	1,000	1000	1.771	6204	6301
Querry)	2 29		2709	3.000	1.000	4.000	3.665	1,621	338
Guetters	28		346	100	1,000	4,000	1,000	-1399	1.10
Goemen	14 W		1881	298	1,000	3.000	9.99	428	1967
Dieter	W 36		1965	1.00	1.000	1000	8490	-640	136
Guarriero	11: 0		1.010	2366	1.000	1.000	640	1301	:320

Overall Results



V. DISCUSSION

This research project was based on the satisfaction level of students and teachers during online classes at the time of COVID-19. However, the research was conducted and the results have shown that the students were satisfied with online classes. The findings show that the students were satisfied with on-line education throughout the crisis of COVID-19.

VI. CONCLUSION

This research project was based on the E Learning Performance in Public and Private Organizations. However, the data was collected from 350 participants that show that the majority of students were satisfies with online/e-learning. Even though the sample size was small to make generalizations to the larger on-line advanced schooling human population, the data can throw light upon the common problems experienced by professors and learners throughout on-line classes. The on-line method of learning was in the early stage about 1 year ago, for that reason having clearness regarding the issues experienced as well as the anticipations of learners and educators may help to organize successful and organized techniques for taking on-line classes. It is very important to remember that the survey demonstrated agreement among teachers and students regarding ideas of the on-line mode of learning. The viewpoints of both were supportive and reflective of one another.

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AUTHORS

First Author – Dr. Asif Uddin

Assistant Professor, Institute of Health and Business

Management,

Jinnah Sindh Medical University Karachi-Pakistan.

Second Author – Nadeem Siyal

Manager Surgical ICu's

National Institute of Cardiovascular Disease Karachi-Pakistan.

Third Author – Muhammad Idrees Rahoojo

Principal

SMK Institute of Nursing Shikarpur-Pakistan

Fourth Author - Kiran Irfan

Instructor Academics

Indus College of Nursing and Midwifery Karachi-Pakistan

Fifth Author – Tahir Hussain

PhD Scholar

Hamdard Institute of Management Sciences Karachi-Pakistan.

Sixth Author – Shahida Khan

Assistant Professor

Qadri College of Health Sciences Karachi

Correspondence Author Tahir Hussain

PhD Scholar

Hamdard Institute of Management Sciences Karachi-Pakistan.

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