



ORIGINAL RESEARCH PAPER

Commerce

EFFECTIVENESS OF ONLINE CLASSES IN GOVERNMENT DEGREE COLLEGE – A COMMERCE STUDENTS' PERCEPTION

KEY WORDS: Virtual Classes, Government First Grade College, Sri, D Devaraja Urs Government First Grade College.

Dr. Mahesha N. P. Associate Professor of Commerce, Government First Grade College, Nanjangud, Mysore District, Karnataka State

Dr. Niranjana Babu Reddy H. S. Associate Professor of Commerce, HOD of M.Com PG Centre, Maharani's Women's Commerce & Management College, Mysuru, Karnataka State

Deepu. B.

ABSTRACT

Human beings cannot predict natural disaster or worst pandemic diseases like Corona emergency. The novel corona virus has created unexpected dangerous unhealthy situation in the world and all the activities are clogged. The traditional method of teaching is not possible in education institutions so that online teaching has taken a new role across the world. The present study focuses two important government sector semi urban area college students. This study highlights on usefulness of online classes in commerce education. The author has conducted survey of student's for effectiveness of online classes from 800 students. The result has shown there is a positive differences about impact of online classes [P value is significant]. The student survey indicates that virtual classes are one of the best alternatives than conventional method education when unexpected circumstances.

INTRODUCTION

The corona virus pandemic has drastically impacted in our economic activity as well as loss of human lives. The famous quotation is Health is wealth, it's essential to every walk of human life but Covid -19 has been seriously affected to human life. This has created uncertainty of life. Almost all the sectors have been unfavorably affected. The conventional method of education is not possible to conduct classes during the lock down period.

In the 21st century, online learning is a major revolution in the modern education system. E-learning provides flexible platforms of learning without physical presence of individuals in the traditional class room.

Virtual Classrooms [VCR] gives more interactive facilitates such as presentation tools, online white board, videos and screen sharing etc., it's very helpful to instructors and the students. The communication reaches in several faces. The VCR is an innovative method of group communication as well as the method of give in to assignments handling quizzes and conducting exams.

Review of Literature

Most of the researchers have evaluated students' satisfaction of online and distance education (ODL) during the pandemic period. The followings researchers contributed their result of their studies. According to Vinita Tiwari and Abhay Tiwari [2021], more number of students used online communication platform during the classes through, Google meet, Microsoft teams, whatsapp. Teachers opined that, lack of interaction and not able to effectively judge performance of students on the basis of online performances]. Some students interested that prefer more homework over discussion board assignments [Heba Abdel – Rahim 2021]. According to Zulaikha Mohd Basae et. al. [2021], 93 percent's students highly satisfied about ability and comfortability of use of the computers in online classes, 41.5 percent students have low degree of motivation to online classes and 98 percent students was agreed to conventional teaching [face to face] was important. According to Sujeewa Hettiarachchi [2021] highlights that students satisfaction with online learning through three variables like perceived challenges of E learning, Perceived Learner Motivation and Interaction. Their study result focused that there is a significant impact on student satisfaction from all the three variables.

Need for the Study:

In the 21st century focuses that advancement of science and technology in education system, it was very most important role in the situation of Covid-19, corona virus pandemic was deadly circumstances creates in human life around the world. Economic, social and cultural activities are stopped during the lockdown period but education sector is slightly recovered from utilization of advanced technology for conducting the online mode. As a topic of truth, The Government of India and The Government of Karnataka were promoted and encouraged to student oriented virtual classes to Government First Grade Colleges during the period of covid.

The literature reveals that many studies have examined in the view point of online classes. And no study so far has tried to focus on comparisons of two governments first grade colleges from commerce students so that the present study entitled "Effectiveness of Online Classes in Government First Grade College – A Commerce Student perceptions" an unique direction.

Objectives of the Study:

1. To analyze the effectiveness of online classes in Government Degree Colleges;

Hypothesis of the Study:

- H₀:** There is no significant difference between online teachings in government degree colleges;
- H₁:** There is a significant difference between online teachings in government degree colleges;

Research Methodology

Research methodology has adopted descriptive, analytical and comparative methods for the study.

Primary data has been collected using structured questionnaires to gain insight into the effectiveness of online classes in two government first grade colleges. The primary data collected through a sample survey method from filling the Google form. 800 students are filled by GFGC College, Nanjangud, Sri D. Devaraja Urs GFGC at Hunsur. out of 800 students, 396 students are from Nanjangud and 404 students from Hunsur degree college.

Statistical Tools and Techniques:

To analyze the primary data has used appropriate statistical techniques like; percentage. Mean standard deviation ad

Independent't' test, Leven's test are used to test the hypotheses.

The reliability test was conducted to ensure the validity of the instrument. The reliability analysis using Cronbach's Alpha showed reliability as given in the following table:

Table -01 Reliability Statistics

Cronbach's Alpha	No of Items
0.94	10

This table highlights the result of reliability analysis in all the variables. The Alph value is 0.94 which indicates high level of the variable.

Testing Of Hypothesis

- In the following paragraph, the following hypothesis has tested using relevant statistical tests, and the results are as under;

H₀: There is no significant difference between online teachings in government degree colleges;

H₁: There is a significant difference between online teachings in government degree colleges;

Table -02 Group Statistics

College Name	N	Mean	Standard Deviation	Std Error Mean
Government First Grade College, Nanjangud	396	3.6596	0.6860	.03443
Sri. D. D. Urs GFGC, Hunsur	404	3.8757	0.7717	.03839

Sources:SPSS

The above mentioned Independent Sample T test illustrates that mean value of Government First Grade College has 3.6596 and mean value of Sri D.D.Urs College has 3.8757. So that, Hunur Sri D D Urs mean score is greater than the GFGC, Nanjangud.

Table -2.1 Group Statistics

Statements	College Name	N	Mean	Std. Deviation	Leven's Test	Independent T test result
Teachers used methods is better	Government First Grade College Nanjangud	396	3.8434	0.7896	.264	.000
	Sri. D. Devaraj Urs Government First Grade College Hunsur	404	4.0569	0.8331		.000
It is easy to follow and understand	Government Degree Nanjangud	396	3.6086	0.8661	.880	.000
	Sri. D. Devaraj Urs Government First Grade College Hunsur	404	3.8589	0.9117		.000
It is user friendly	Government Degree Nanjangud	396	3.7323	0.8293	.634	.000
	Sri. D. Devaraj Urs GFGC Hunsur	404	4.0074	0.9279		.000
Interaction is more by teachers	Government First Grade College Nanjangud	396	3.7652	0.7878	.039	.029

	Sri. D. Devaraj Urs Government College Hunsur	404	3.8985	0.9250		.028
It requires extensive note-taking	Government Degree Nanjangud	396	3.6414	0.8192	.999	.000
	Sri. D. Devaraj Urs Government College Hunsur	404	3.8540	0.8605		.000
I am quite confident of facing the exam	Government Degree Nanjangud	396	3.5808	1.0292	.498	.020
	Sri. D. Devaraj Urs Government First Grade College Hunsur	404	3.7574	1.1097		.020
It offers flexible scheduling	Government First Grade College Nanjangud	396	3.5657	0.8934	.536	.001
	Sri. D. Devaraj Urs GFGC Hunsur	404	3.7896	0.9518		.001
It offers highly effective learning environment and space	Government First Grade College Nanjangud	396	3.5278	0.9287	.721	.002
	Sri. D. Devaraj Urs Government First Grade College Hunsur	404	3.7351	0.9744		.002
PPT and Graphical method is used by teachers	GFGC Nanjangud	396	3.6212	0.9212	.988	.000
	Sri. D. Devaraj Urs GFGC Hunsur	404	3.8985	0.9948		.000
Chalk and talk method are used by teachers	GFGC Nanjangud	396	3.7096	0.8323	.014	.003
	Sri. D. Devaraj Urs College Hunsur	404	3.9010	1.0038		.003
Total	Government First Grade College Nanjangud	396	3.6596	0.6851	.046	.000
	Sri. D. Devaraj Urs Government First Grade College Hunsur	404	3.8757	0.7716		.000

[Source:Field Survey]

The above table highlights the information about two government first grade college students' perception towards the effectiveness of online classes during the lock down period. The independent sample T test results discloses that mean score of Sri D.D. Urs GFGC is 3.8757 and GFGC, Nanjangud, mean score is 3.6596 with standard deviation of 0.7716 and 0.6851 respectively. Therefore, Hunsur college mean value is higher than the Nanjangud GFGC.

This table examines that, all the statements mean value is more than 3, it focuses that, positive attitude are there about online classes during the lockdown period. Infact it is a blessing in disguise.

The T – test result also shows a 5% significant level [statistically significant]. So that, null hypothesis “There is no significant difference between online teachings in government degree colleges” is rejected and alternative hypothesis “There is a significant difference between online teachings in government degree colleges” is accepted.

The above table also examined by using Leven's Test, the Leven's Test result shows that, out of the ten statements, eight statements are there is no perceptual differences and it was clearly shows that the perceptual differences has two statements like “Interaction is more by teacher” and “Chalk and talk method are used by teachers”. [Leven's Test P – value is statistically significant, P value is less than 0.05].

Major Findings:

- 1) The study examined that, Independent Sample T test illustrates that mean value of Government First Grade College has 3.6596 and mean value of Sri D.D.Urs Government First Grade College has 3.8757. So that, Hunur Sri D D URS GFGC mean score is greater than the GFGC, Nanjangud.
- 2) The T – test result also shows a 5% significant level [statistically significant]. There is a perceptual difference from two college students about virtual classes.
- 3) The Leven's Test results highlights that, there is a perceptual difference between two statements like “Interaction is more by teacher” and “Chalk and talk method are used by teachers”. [Leven's Test P – value is statistically significant, P value is less than 0.05].

CONCLUSION

Technology is a growing as a part of any society today. In the 21st century, online learning is a major revolution in the modern education system. E-learning provides flexible platforms of learning without physical presence of individuals in the traditional class room. In our living life style is uncertain and conventional method of education was not possible during the period of any pandemic abnormal situation. The study focuses that two semi urban area college students' opinion to effectiveness of online classes. There is a perceptual difference of effectiveness of online class from two college students [Independent Sample T Test P value is significant]. So that using the chalk and talk with interaction to students during the online classes is very effectively and essential tool for understands the topics to students. The Government of India and State Government of Karnataka spent huge amount of purchasing the modern technology in education field so that teachers must be adopted the innovative methods in teaching and also students must be adjusted to new methods of teaching. Finally online teaching is one of the best alternatives when unexpected circumstance.

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