

Innovative Teaching-Learning Practices in the Subject of Accounting through Google Classroom

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ABSTRACT

In the modern world the technology is used in anywhere and everywhere. Technology is used in every sector of economy. The most interesting aspects of trends are that education sector are adapting to technology at rapid pace. ICT has become an integral part of today's teaching learning process. Effective use of technology can provide to the students for developing their dynamic personality and also the renew teacher enthusiasm. The role of ICT in the education sector is becoming more and more important. It will continue to grow and develop in 21st century. Google has provided various platforms for education sector there the classroom teaching can do wonderful with the implementation of and usages of technology

In the faculty of Commerce and Management Accounting is the most important subject. It is practical oriented subject. While teaching this practical oriented subject teacher has face difficulties to take more & more examples with various adjustments and to maintain attention of the students using the conventional method. In this subject the theoretical concepts is implemented in solution but the students are not interested to do theory they focus on solve the example. After the completion of the degree the students can not apply their knowledge in the industry they could not obtained the sufficient job opportunities. With the use of ICT in teaching learning for the enhancement of students knowledge teacher has takes assignments rather than time schedule allotted by the university for every subject. The purpose of the study to analyze the uses of Google classroom for Accounting students of commerce faculty at undergraduate level.. The questionnaire collected from 30 students. After using the Google classroom the motivation of the students about updated study is increased. The study provides the effectiveness for enhancing academic performance. Also the students did the detail study of theoretical parts which is not done before using the Google classroom.

Keywords: Innovative Teaching, Google Classroom, Accounting

INTRODUCTION

Technology is integral part of the 21st generation. ICT has become an integral part of today's teaching learning process. Effective use of technology can provide to the students for developing their dynamic personality and also the renew teacher enthusiasm. The widespread use of technology has generated interested in many researcher and academicians to explore the ways teacher can use that technology prowess to enhance the learning of students. (Kaukab Abid Azhar, Nayab IQBAL 2018) Google has provided Google suite for Educational purpose. In 2014 the Google launched the Google Classroom. From March 2017 Google classroom was available for Google personal Accounts and particularly for standard Gmail Accounts. The popularity of Google classroom is increasing day by day however there is limited use but it is very useful for enhancement of teaching-learning performance. The blended learning style of teaching provides various advantages over traditional method of teaching. The most important advantage is student centric, its accessibility, scheduling flexibility and adaptability for working.

Google classroom is a free educational blended learning platform provided by Google Company. Google Suite for Education includes Google App tools like Drive, Gmail and Docs, Forms, Sheets and Slides that can be collaborated with apps like Google Classroom and YouTube which provide a vast variety of knowledge and information for students and teachers alike. A teacher can create Google classroom for every subject comprising of all the students of specific class and can also include other teacher of the same subject.

Through this class the teacher can provide the additional knowledge and reference material beyond the syllabus and classroom teaching. The teacher has not provided only subject knowledge but the teacher has provided knowledge about extracurricular activities. It will be beneficial for student for their overall personality development and for the enhancement the learning performance. According to Sathyendra Bhat, Ragesh Raju, Athokpam, Bikramjit, Rio D'Souza(2018). In the faculty of commerce and management accounting is the most practical oriented and important subject.. While teaching this practical oriented subject teacher has face difficulties to take more & more examples with various adjustments and to maintained the attention of the students using the conventional method. In this subject the theoretical concepts is implemented in solution but the students are not interested to do theory they focus on solving the examples. Due to that the result of this subject is decrease in university level examination and also the student can not apply their knowledge in the industry they could not obtained the sufficient job opportunities.

Due to industrial standards and requirements the curriculum is increasing hence it cannot complete in given schedule by the university. Accounting subject is practical orientated so it is not completed in given schedule of university. For solve these inherent problems the researcher use the Google classroom for the teaching and revision of the whole syllabus. For this study the researcher has share the experience of Google class room which is created for second and third year students of commerce faculty for the subject of Accounting.

ADVANTAGES OF GOOGLE CLASSROOM

- Connect with students in a controlled, secure environment.
- Conduct discussions and chats (where/if allowed).
- Moderate responses to discussions to ensure safety and appropriateness.
- Post links and questions quickly and easily.
- Use a medium in which students feel comfortable and familiar.
- Provide teachable moments on netiquette (professional language vs. Facebook language) in context.
- Demonstrate real world applications with networking.
- Teacher and students won't have required huge amount of paper for uploading and submission of assignment. Paperless teaching -learning process so green environment is maintained.
- Time saver of teacher and students.
- Accessible at anywhere and with any tool(compute, laptop, android phone.)
- Simulation teaching learning activity can be done through google classroom.
- The extra curious students can get deep knowledge beyond the syllabus.
- Students can do their activity as per their space, speed and motivation.

OBJECTIVE OF RESEARCH PAPER

The purpose of the study is to analyze the use of Google classroom for Accounting subject (with Special Reference undergraduate students.)

HYPOTHESIS

1. There is correlation between motivation of study and Use of Google classroom.
2. The Use of Google classroom positively influences on improves the academic performance.

LITERATURE REVIEW

The researcher have gone through the previous studies related Google Classroom. In globalization and technology era use of ICT is vital instrument in educational sector for teaching learning. However, some previous study shows the Google Classroom is very useful for teaching-learning.

Shaharane, Jamil, & Rodzi (2016) analyzed Google classroom's active learning activities after using TAM (Technology Acceptance Model) to study the effectiveness of the activities posted on the platform. Results of study that comparative performance of Google classroom was far better in the areas of communication, interaction, perceived usefulness, ease of use and overall students' satisfaction.

K. M. Diccio (2016) has shown in its study that Google classroom can have an effective role in developing the learning abilities with learning disabilities and he has proposed that studies can improve vocabulary development and unit test.

Espinosa, Estira, & Ventayen (2017) conducted a research to evaluate the functionality of Google classroom as a Learning Management System (LMS). The study found that cost was the primary reason for the adoption. Collaborative learning through assignments was viewed as an extremely effective tool for enhancing student engagement.

S. Hemrungrate, P. Jakkaew, and S. Assawaboonmee (2017) have studied the domain of self learning and self development. This study has emphasis on the role of Google classroom as self directed learning tool for chosen course. It has found that self satisfaction on the student's behalf is evident when it comes to the usage of classroom due to its usefulness, easy to use and its practicality in accomplishing the intended task.

Shampa Iftakhar (2018) has analyzed that for a successful implementation of Google Classroom both teacher and learners must have positive attitude towards technology for instructional purposes.

The analysis of the results of questionnaire indicate that this study can be effective in understanding and evaluating teachers and learners perspective to ensure quality teaching and learning through Google Classroom.

So far to the review of literature all the research conducted on Google classroom indicated a positive response from the students.

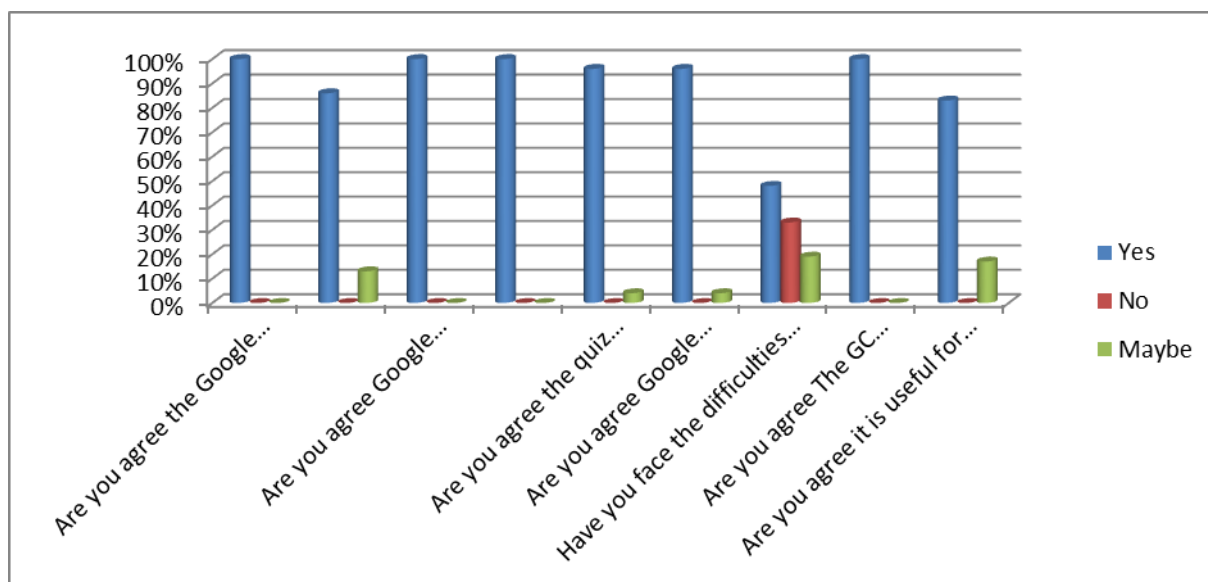
RESEARCH METHODOLOGY

Case study method is used for this study. Purposive sampling method is used for study. For this study 30 students were selected from second and third year B.Com. 27 students were filling up Google form. They were all in same age group. All are Marathi Medium students. The students are semi urban and rural area and socio economically backward but all have Smart Phone. Most of the students are quite friendly with net browsing with their mobile. They frequently use some social networking sites like Face book, Instragram, Whats App etc. All of them have Gmail account but some students are not familiar of net browsing. The data collected with the help of Google form. 16 items are included in form. For the study the motivation of study, user friendliness, use of Google classroom and behavioral intention these variable fixed. For the analysis of data percentage method is used.

FINDING OF THE STUDY

Sr.No	Particulars	Yes	No	Maybe
1	Are you agreeing the Google classroom is save time of study?	100%	0%	0%
2	Are you agree using Google classroom I studied hard topic with the help of youtube /other learning material?.	86%	0%	13%
3	Are you agreeing Google classroom is easy for use.	100%	0%	0%
4	Are you agree for the study and Extracurricular activity I have use the GC frequently.	100%	0%	0%
5	Are you agreeing the quiz competitions are useful for Performance	96%	0%	4%

	enhancement?			
6	Are you agreeing Google Classroom is useful for practical orientated course?	96%	0%	4%
7	Have you face the difficulties using the GC?	48%	33%	19%
8	Are you agree The GC motivated me to do deep study of course?	100%	0%	0%
9	Are you agreeing it is useful for all subjects?	83%	0%	17%

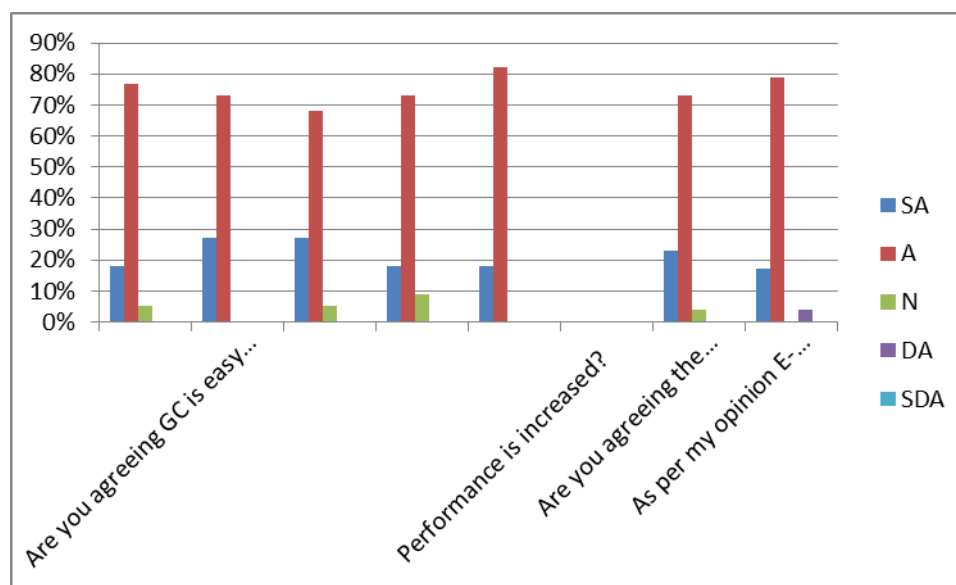


The above table and graph reveals that,

1. 100% students said that the use of Google classroom is easy for use, it's save study time it motivated to student to deep study use frequently.
2. 48% students are agree to they have face the difficulties using Google classroom. 33% students don't have any problem.19% students cannot give opinion about using Google classroom.
3. 96% students agreed that quiz competition and extracurricular activity enhance the academic performance.
4. 83% students agreed that Google classroom is useful for all subjects.

Sr.No	Particular	SA	A	N	DA	SDA
10	Are you agreeing that the GC enhance me to complete the assign task within time?	18%	77%	5%	0%	0%
11	Are you agreeing GC is easy for use so I am interested to use frequently?	27%	73%	0%	0%	0%
12	Are you agree Google classroom is convenient and user friendly?	27%	68%	5%	0%	0%
13	Are you agreeing GC is enhancing the learning efficiency?	18%	73%	9%	0%	0%
14	Are you agree after using the GC my academic Performance is increased?	18%	82%	0%	0%	0%

15	Are you agreeing the extracurricular activity uploaded on GC was useful for my overall development?	23%	73%	4%	0%	0%
16	As per my opinion E- learning increased the academic performance.	17%	79%	0%	4%	0%



The above table and graph reveals that, near about 73 to 80% students agreed and similarly 18 to 22% students are strongly agree that the Google classroom is easy for use so I am interested to use frequently, enhancing the learning efficiency, the extracurricular activity uploaded on GC was useful for my overall development, GC enhance me to complete the assign task within time so, E- learning/Google Classroom increased the academic performance of student. But 4% to 9% students are neutral about the using the Google classroom for quality improvement of education.

From the finding the motivation these variable is positively affected on use of Google classroom. User friendliness and Behavioral intention have also positive influences on enhancement of academic performance hence; both the hypothesis has been accepted.

CONCLUSION

Recently the Google suite provides Google Classroom platform for education it is very useful for students and teachers. Google classroom has cloud computing base so it have unlimited storage therefore student user friendly. Google classroom is effective and easy to use can get so many files uploaded files at a time. The important finding of the study was that it is very user friendly for students. Regular use can enhance the performance of the students and teachers. Teachers can teach the students beyond the curriculum so the overall academic performance of the students is increased. It can be used by student as per their time, speed and space. Teacher can do the reuse the material and save time for record keeping of the assignment submitted by the students. For active involvement of the students in Google Classroom teacher must have take active role. He has to upload extracurricular things with syllabus so students can attract to Google Classroom. In the handwritten assignment the teacher cannot find out the duplication of the work but through the use of plagiarism detective tools teacher can stop the academic dishonesty in the assignment submitted by the students. For the effective use of Google classroom in teaching-learning students and teacher must have to get training. In Indian Univerities recently the choice based credit system has been implemented.

Under this system students have to submit assignments for 40/50 marks when the students prepare assignment there is question about originality of the work. This concern can be overcome by applying plagiarism check on assignments in order to find out the novelty of the work with the help of Google classroom and method. This CBCS is also implemented at undergraduate level the use of Google classroom by teacher and students is to improve the overall quality of education.

In the faculty of commerce and management accounting is the most practical oriented and important subject. While teaching this practical oriented subject teacher has face difficulties these difficulties are overcome through google classroom. The teacher can take more & more examples with various adjustments and to maintain the attention of the students and also motivated the students for learn theory for practical work through using the google classroom so, the student can enhance the skills with participative learning.

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