

## ATTITUDE OF TEACHER EDUCATORS TOWARDS GOOGLE CLASSROOM

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### *Abstract*

Google Classroom is a free web-based platform that integrates the G Suite for Education account with all our G Suite services, including Google Docs, Gmail, and Google Calendar. Classroom saves time and paper, and makes it easy to conduct classes, distribute assignments, communicate, and stay organized. The main aim of the study was to find out the significant difference between attitude of teacher educators towards Google classroom. Survey method was adopted for this study. The sample consists of 50 teacher educators in Thoothukudi district. Simple random sampling technique was used. Attitude Scale towards Google Classroom (ASTGC) for teacher educators was developed by the investigator was used to collect the data. The statistical technique used was mean, standard deviation 't' and F test. The findings of the study were: i) there is significant difference between male and female teacher educators in their attitude towards Google classroom. ii) There is significant difference between rural and urban area teacher educators in their attitude towards Google classroom The educational implications and suggestions for further study are also given as per the findings of the study.

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**Keywords:** Google Classroom, Google Docs, Google Calendar.

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### INTRODUCTION

Google Classroom is a free web-based platform that integrates the G Suite for Education account with all our G Suite services, including Google Docs, Gmail, and Google Calendar. Classroom saves time and paper, and makes it easy to conduct classes, distribute assignments, communicate, and stay organized. [Google](#) has already made a large influence on education with its [Google](#) Apps for Education (GAPE), which includes Google Docs, Google Spreadsheets, Google Calendars and a diverse array of other apps easily utilized by schools and colleges. Now Google is introducing Google classroom, a technology in the classroom app designed to provide a single dashboard to unify instructors' use of other Google apps. Google classroom's purpose is to facilitate paperless communication between teachers and students and streamline educational workflow. Classroom allows teachers to conduct classes, post assignments, organize seminars, create folder and view work in real-time. One of the best features is that classroom is fully integrated with all other Google apps, so students and teachers can share information with one another instantaneously instead of having to hop through various hurdles to submit work. This simplifies certain functions in apps too; for example, Google Docs would no longer require the use of the nefarious "Doctopus" function to create duplicate copies for students.

### NEED FOR THE STUDY

Students can begin their work with just one click, by viewing the assignment then opening a Google Doc. When they do this, teachers have a real-time view into student progress and can offer feedback along the way. Students each have their own Google Drive folder that allows students and teachers perpetual access to previous work and educators can even assign grades within classroom. In short, Google Classroom offers a one-stop platform for facilitating digital production, workflow and communication between teachers and students. Like other Google

apps, it is available for free to schools and colleges, has no ads, and never uses student or teacher content for advertising purposes.

Still, Google's new Classroom tool is brand new. It may lack some of the perks teachers have come to enjoy with other systems like Schoology, which has consistently expanded its features for the last several years. Other systems allow for teachers to create assessments right in the system itself, or more easily allow the utilization of non-Google tools for communication and resources. Google is the best platform for integrating with Google apps and giving even non-tech savvy teachers a usable entry point for digital education. But it may also lag behind the multi-faceted features other engrained systems have already offered to educators.

## OPERATIONAL DEFINITIONS OF THE KEY TERMS

### Attitude

Teacher educators attitude play a critical role in the effectiveness of Google classroom. The attitude of teacher educators should be towards the general use of Google classroom. Attitude towards Google classroom use within the school setting are an important and often overlooked component of successful curriculum integration of technology.

### Teacher Educators

A teacher educator is a person who helps other people to acquire the knowledge, competences and attitudes they require to be effective teachers. Several individual teacher educators are usually involved in the initial or ongoing education of each teacher; often each specialises in teaching about a different aspect of teaching. Teacher educators are working in colleges of education who they are handled B.Ed., and M.Ed., classes.

### Google Classroom

Google Classroom is a free collaboration tool for teacher educators and student teachers. Teacher educators can create an online classroom, invite student teachers to the class then create and distribute assignments. Within the Google Classroom student teachers and teacher educators can have conversations about the assignments and teachers can track the student's progress. College of education must register for a free Google Apps for Education account to use Classroom.

## OBJECTIVES OF THE STUDY

- i. To find out whether there is any significant difference between male and female teacher educators in their attitude towards Google classroom.
- ii. To find out whether there is any significant difference between urban and rural teacher educators in their attitude towards Google classroom.

## NULL HYPOTHESES OF THE STUDY

- i. There is no significant difference between male and female teacher educators in their attitude towards Google classroom.
- ii. There is no significant difference between urban and rural teacher educators in their attitude towards Google classroom.

## METHODOLOGY

The researcher adopted the survey method to study the attitude towards Google classroom among teacher educators.

**Population and Sample**

The population for the present study consisted of the teacher educators in Thoothukudi district. 50 teacher educators were taken for this investigation. The investigator collected the data from colleges of education in Thoothukudi district. They were selected randomly from each college.

**Tool used for the Study**

The investigator has used self made tool namely Attitude Scale Towards Google Classroom (ASTGC) (2019).

**Statistical Techniques Applied**

The statistical applications mean, Standard deviation, ‘t’ was applied for the study.

**Delimitations of the study**

- The study is conducted in colleges of education only.
- The area chosen for conducting the study was only at Thoothukudi district.

**Data Analysis and Findings of the Study**

**Null Hypothesis 1**

**Table 1**

**Difference between Male and Female Teacher educators in their Attitude towards Google Classroom**

Variable	Male (N = 14)		Female (N = 36)		Calculated 't' value	Remarks
	Mean	S.D.	Mean	S.D.		
Attitude towards Google classroom	73.53	5.320	61.58	5.102	2.169	S

Table value for df 48 is 1.96 at 0.05 level of significance.

It is inferred from the above table that there is significant difference between male and female teacher educators in their attitude towards Google classroom. Male teacher educators have better mean value than female teacher educators.

**Null Hypothesis 2**

**Table 2**

**Difference between Rural and Urban area Teacher educators in their Attitude towards Google classroom**

Variable	Rural (N = 21)		Urban (N = 29)		Calculated 't' value	Remarks
	Mean	S.D.	Mean	S.D.		
Attitude towards Google classroom	163.45	5.130	183.69	6.584	2.533	S

Table value for df 48 is 1.96 at 0.05 level of significance.

It is inferred from the above table that there is significant difference between rural and urban area teacher educators in their Attitude towards Google classroom. Urban area teacher educators have better mean value than rural area teacher educators.

### EDUCATIONAL IMPLICATIONS

1. Opportunity for organize and use digital media, social media, etc., may be given to develop their Attitude towards Google classroom.
2. Female teacher educators should increase their attitude towards Google classroom.
3. The teacher educators can adopt understanding level and reflective level of teaching rather than the knowledge level of teaching.
4. Rural area teacher educators also should be more attitude towards Google classroom.
5. Teacher educators can be encouraged to actively participate in workshop, conferences related to Google classroom to develop their attitude towards Google classroom.
6. Teacher educators can be recommended mini projects to improve their Attitude towards Google classroom.
7. Awareness programmes on Attitude towards Google classroom and its characteristics can be organized.

### SUGGESTIONS FOR FURTHER RESEARCH

The following are the suggestions for further research studies.

1. A similar study may be undertaken for college students, school students and polytechnic students.
2. This study can be extended to school and college teachers.
3. The sample is taken from Thoothukudi district only. It can be extended to other districts.
4. Some more dimensions were included in Attitude towards Google classroom and can be taken into account for further investigation.

### CONCLUSION

Google Classroom is a program for teachers to create a digital classroom for students to communicate with their teachers and peers. It is a free application that integrates e-mails and documents to save into storages. Teachers can upload files, videos, links, announcements and assignments for students to retrieve and view. Document files can be edited in class and shared with peers to learn collaborative skills. When students complete an assignment, they can submit by posting on the teacher's board or on the classroom board. This program can be accessed using any device at any place, which is convenient for both teacher and students. Google platform allows learners to chat and discuss topics learned in class, and teachers to view student discussion, and post comments. Different assignments can be posted such as video segments, PowerPoint presentations, documents and web quests. In reviewing research articles, few studies have been found regarding Google Classroom.

### REFERENCES

- Etherington, Darrell (May 6, 2014). "Google Debuts Classroom, an Education Platform for Teacher-Student Communication". Tech Crunch. AOL. Retrieved May 21, 2019.
- <http://www.teachhub.com/technology-classroom-look-google-classroom>
- <http://www.thetechedvocate.org/10-ways-use-google-classroom/>
- Kahn, Jordan (August 12, 2014). "Google Classroom now available to all Apps for Education users, adds collaboration features". 9to5Google. Retrieved May 21, 2019.
- Magid, Larry (May 6, 2014). "Google Classroom Offers Assignment Center for Students and Teachers". Forbes. Retrieved May 20, 2019.
- Thanavathi, C. (2018). Teacher Education in India: Secondary Level. Salem: Samyukdha Publications.
- Thanavathi, C., (2017). Advanced Educational Research and Statistics. Salem: Samyukdha Publications.