

**Attitude towards Online Teaching Process and the Challenges Faced in
Learner Management by Secondary School Teachers in Kerala**

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Abstract

Education plays a vital role in the present-day industrialized world. People required suitable reliable education to help them survive in a competitive world. Now, technology plays a significant role in education. In today's society, students are exposed to technology everywhere. Online learning is one of the rapid changing modes of education where students use their home computers through the internet. It had become one of the most popular means of education and nowadays, it was also quite easy and convenient to have an online class instead of offline. The investigator analyzed the outcomes "Attitude towards online teaching process and the challenges faced in learner management by secondary school teachers in Kerala". A sample of 100 secondary school teachers was chosen for the study. The tool used for primary data is the attitude scale given through mail and WhatsApp as Google forms. The percentage analysis method and test of significance was used for analysis. The study reveals that Secondary school teachers have positive and negative attitudes towards online teaching and teachers also face many challenges in online teaching.

Keywords: attitude, online teaching, online learning, secondary school teachers

Introduction

Online education was a flexible instructional delivery system that encompassed any kind of learning that takes place via the Internet. Online learning gave educators an opportunity to reach students who might not able to enroll in a traditional classroom course and supports students who need to work on their own schedule and at their own pace. The quantity of distance learning and online degrees in most disciplines was large and increasing rapidly. Schools and institutions that offer online learning are also growing in number. Online learning was the up-to-date and most popular form of distance education today. Within the past decade, it had a major impact on postsecondary education, and the trend is increasing. Online schooling is changing the face

of traditional classrooms radically within the last couple of years making education more accessible than ever before.

Teachers face many challenges in the online teaching and learning process. One of the most important challenges teachers face in the online teaching-learning process is learner management. Classroom management is one of the hardest aspects of teaching in online mode compared to face-to-face instruction. Learner management was the capacity to design pedagogic strategies that attain learning outcomes for students. Classroom management could be a difficult topic because the name implies teachers must take on an authoritative role as a manager. The online teaching-learning process was different from the offline teaching-learning process. Therefore, learner management needed to be implemented very accurately in the online learning process. If teachers could manage learners in the online learning process, then learning was meaningful.

Need and Significance of the Study

The future of online learning is exciting and opens education for significant changes to meet requirements of the global scenario. To take education, we could get education from the teacher just sitting at home from the online mode. In today's time, facilities like the internet are available in all homes. Online education was proving to be very effective in the time of Corona. Nowadays online education is becoming very prevalent everywhere whether it is in a village or a city. Today online education was proving to be very beneficial for students. The pandemic has severely affected education and educational systems across the world. Educational institutions around the world were temporarily closed in an attempt to reduce the impact of Corona. The study leads to finding out the attitude of teachers towards online learning and the challenges. The paradigm shift in the field of education triggered by the gray revolution is matched by real-life teaching-learning situations. The need and significance of the present study is to explore the attitude towards the online teaching-learning process and the challenges faced in learner management by secondary school teachers in Kerala.

Statement of the Problem

The study is entitled "Attitude towards online teaching process and the challenges faced in learner management by secondary school teachers in Kerala".

Objectives of the Study

1. To find out whether there was any significant difference in the attitude of rural and urban secondary school teachers towards the online teaching process.
2. To find out the difficulties of conducting exams in online

Review of Related Literature

Gururaja (2021) conducted research on “Teacher’s attitude towards online teaching”. A descriptive cross-sectional study was conducted regarding Teacher’s attitudes toward elearning. The results of the research found that the attitude of most teachers is not favorable towards online teaching. The cause behind the average attitude of school teachers is found that they are not competent in e-learning skills.

Shabnam (2021) conducted a study on “Challenges faced by teachers in online teaching during the Covid-19 Pandemic”. The study finds that strong internet access, lack of continuous electricity supply, lack of parental source of income, and difficulties in teaching numerical subjects such as math are the most important challenges faced by teachers in online teaching.

Research Methodology

The success of any investigation depends largely upon the methodology or the procedure adopted, and the suitability of the methods, tools, and techniques used for the collection of data. Survey method helps the researcher to explore the dimensions related to the study. The investigator selected a non-experimental method for the present study. A sample of 100 secondary school teachers was taken using the random sampling method. A survey was conducted on an online basis for data collection from teachers. Two types of tools were used for the study. Data was collected by using a standardized Likert type of attitude scale developed by the investigator by following standard procedure. A questionnaire to collect challenges faced by teachers on online learning was developed by the investigator by keeping the standard procedure.

Data Analysis and Interpretations

The investigator analyzed the outcome of “Attitude towards online teaching process and the challenges faced in learner management by secondary school teachers in Kerala”.

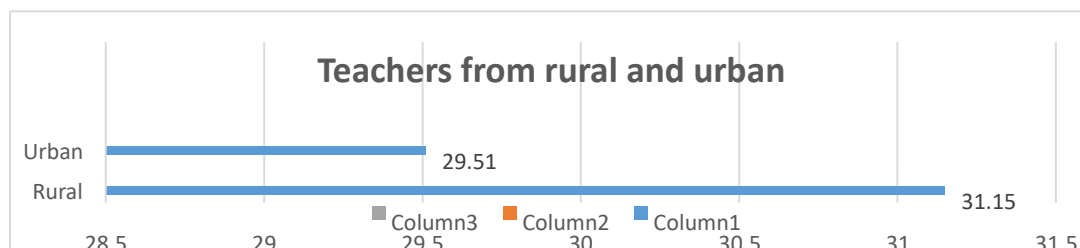
Table 1

Test of Significant Difference in Mean Score of Attitude of Secondary School Teachers towards Online Teaching Process based on Teachers from Rural and Urban

	Number	Mean	S D	t-value	Level of Significance
Teachers from rural and urban					
Rural	50	31.15	6.10	1.389	Not significant
Urban	50	29.51	5.70		

Figure 1

Graphical Representation of Mean Scores of Attitude of Secondary School Teachers towards Online Teaching Process based on Teachers from Rural and Urban



The t – value for rural and urban samples is 1.389 which is not significant at 0.01 level and 0.05 level of significance. Hence there is no significant difference between the attitude of rural and urban secondary school teachers towards online teaching learning process.

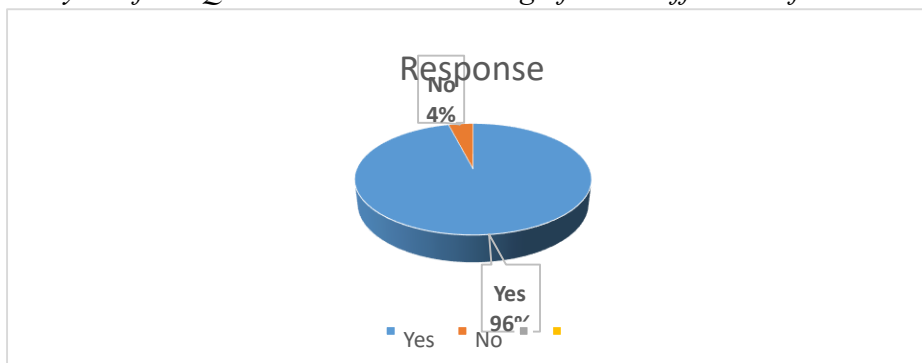
Table 2

Analysis of Question “There Exist Significant Difficulties for Conducting Online Exams”

Response	No. of response	Percent
Yes	96	96%
No	4	4%
Total	100	100

Figure 2

Analysis of the Question “There Exist Significant Difficulties for Conducting Online Exams”



The result shows that 96% of secondary school teachers face many difficulties conducting online `exams.

Findings

The t – value for rural and urban samples is 1.389 which is not significant at 0.01 levels and 0.05 level of significance. Hence there is no significant difference between attitude of rural and urban secondary school teachers towards online teaching process. 96% Yes responses and 4% No responses are given to the statement “There exist significant difficulties for conducting online exams.”

Conclusion

Technology plays a significant role in education and online learning advanced the pace of learning among students through internet access. The study reveals that Secondary school teachers have positive and negative attitudes towards online teaching and teachers also face many challenges in online teaching. The outcome of the study revealed that modern teaching methods are to be used in the online classroom to enhance the online teaching learning process. Teachers can create an online classroom environment where students are passionate about learning and engage in online teaching learning process effectively. It has been evident that attitude of secondary school teachers towards online teaching learning process was different and there exist many challenges in learner management in online teaching.

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