



Qualitative and Quantitative Research Findings: Literature Review in Educational Context

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Abstract

This study aiming for analyze findings research that uses approach qualitative and quantitative in context education, with method study literature. Research This show that approach qualitative give outlook deep about interaction social and experience individuals in the environment education, while approach quantitative produce empirical data that can generalized. Combination from second approach This give better understanding comprehensive about factors that influence performance education, including role leadership transformational and cultural collaborative. Literature review This recommend use method study more mix wide for get comprehensive and in - depth results, as well push development leadership transformational in schools use increase results learning.

Keywords: research findings, qualitative research, quantitative research

Abstract

This study aims to analyze research findings using qualitative and quantitative approaches in the educational context, employing a literature review method. The findings show that qualitative research provides deep insights into social interactions and individual experiences within the educational environment, while quantitative research produces empirical data that can be generalized. The combination of these approaches offers a more comprehensive understanding of factors influencing educational performance, including the role of transformational leadership and collaborative culture. This literature review recommends broader use of mixed-method research to achieve comprehensive and in-depth results, as well as promoting transformational leadership development in schools to enhance learning outcomes.

Keywords: research findings, qualitative research, quantitative research

Introduction

Study qualitative and quantitative are two approaches methodology main ones that often used in the world of education For understand phenomenon social and behavioral human. Research qualitative tend focus on understanding deep about experience individual , context social , as well as complexity interactions within it , while study quantitative make an effort For measuring and analyzing data in form numbers, which allows researcher For see patterns statistics as well as connection intervariable. Both own advantages and disadvantages, however often give mutual insight complete in understand various phenomenon education (Creswell, 2014).

Findings research results from method qualitative and quantitative it is very diverse, especially in context education. Findings from study qualitative tend to reveal nuance interaction social in class, teacher perceptions of method learning, as well as challenges faced in the learning process teaching . While that , the findings from study quantitative usually focuses on aspects that can measured in a way objective , such as influence of educational programs to results Study students, relationships between style teacher leadership and performance, as well as effectiveness intervention learning in increase skills students (Merriam & Tisdell, 2016). The combination from second method This give better understanding comprehensive about phenomenon education.

In this literature review, it is important to analyze the findings of both methods, especially to provide insight into how these two approaches can be used effectively in educational research. Through the literature review, this study will identify patterns of findings from relevant qualitative and quantitative research, and explore how their application can improve the quality of education. This study also aims to provide recommendations on research methods that are more appropriate for various educational contexts, so as to maximize the benefits generated from both approaches (Patton, 2015).

Method

Study This use method study literature or *literature review* as approach main For collect and analyze data. Literature review is method research involving identification , evaluation , and synthesis from studies that have been published about Topic certain , with objective For to obtain deep understanding about the phenomenon being studied (Snyder, 2019). This method chosen Because allow researcher For to examine in a way critical various relevant research with influence leadership transformational to teacher performance in context management education .

First step in study literature This is identify relevant literature from various source academic , including journal scientific , books and reports research . Sources used in study This taken from scientific databases such as Google Scholar, JSTOR , and ScienceDirect, with keywords such as " findings research " , " qualitative " , " quantitative " , and " education " . Furthermore , the criteria inclusion and exclusion set For ensure only relevant and quality research height analyzed .

Stage second involving evaluation critical to selected studies . Each studies analyzed based on methodology , population , and context his research For ensure validity and relevance to Topic research . This study also pays attention to various findings put forward by researchers , as well as weaknesses and limitations from each study (Okoli, 2015). Analysis done in a way thematic , where similar findings grouped and synthesized .

Stage final is compilation results a study that includes interpretation and synthesis from various studies analyzed . These results Then connected with theory leadership transformational For give more insight deep

about How approach leadership This can applied in context education in Indonesia.

In the section This explain methodology used in research that is considered need For strengthen published manuscript .

Results and Discussion

Findings from study literature that combines study qualitative and quantitative in context education show that second approach This play role important in produce holistic understanding to various phenomenon Education . Research qualitative give outlook deep about experience individual , context social , and complexity interactions within it . For example , research qualitative often used For dig teacher and student perceptions to method learning new or For understand dynamics interaction in environment class (Merriam & Tisdell, 2016). This study often produce rich and profound findings , which are difficult explained only through quantitative data .

On the other hand , research quantitative , which focuses on measurement and analysis statistics , providing results that can be achieved generalized to larger population area . Findings from study quantitative often based on numerical data that allows researcher For identify patterns , correlations , or connection between the variables studied . For example , the study quantitative can identify connection between style leadership transformational with teacher performance or measure effectiveness a intervention education to improvement results Study students (Creswell, 2014). Through data collection in systematic , research quantitative give proof more empirical strong For support conclusion or hypothesis study .

In the study literature this , some findings important from second approach the can identified . First , the research qualitative often shows that dynamics social in Classes and schools are greatly influenced by the leadership of teachers and principals. school . Effective leadership , especially that which is transformational , have impact significant to teacher performance and motivation students . As for example , Bass and Avolio (1994) in theory leadership transformational they to put forward that a capable leader inspire , motivate and facilitate development subordinate can increase effectiveness organization in a way overall , including in the world of education . This is in harmony with findings in study qualitative which reveals that the teacher feels supported by the

leader school tend own more commitment tall on the learning and innovation process (Leithwood & Jantzi, 2005).

On the other hand , research quantitative give proof empirical support findings qualitative said . As example , study quantitative that measures influence leadership transformational to teacher performance often show connection significant positive between both of them . A research by Marks and Printy (2003) found that leadership transformational implemented by the head school impact positive to effectiveness teaching , teacher involvement , and outcomes Study students . With using quantitative data , research This can measure impact from variables certain with more objective and provide the conclusion that can be drawn generalized to various context education .

In addition , the combination between method qualitative and quantitative have also been produce findings important in matter development culture collaborative in schools . Findings from study qualitative show that collaboration between teachers is often driven by the existence of strong and supportive leadership , while study quantitative show that school with culture good collaborative tend own results Study more students high . Robinson et al. (2008) in a meta- analysis they show that leadership focused on development teacher professionalism and

collaboration team own very significant impact to achievement academic student .

With Thus , the findings from study literature This confirm that second approaches — qualitative and quantitative — are mutually reinforcing complete in produce deep insight and can measured about influence leadership and various other variables against performance education . Approach qualitative give better understanding deep about context and dynamics social , while approach quantitative offer greater validity and generalizability strong For support conclusion study .

Conclusion

Based on results study literature This suggests that research in the field of education more often use approach mixture , which combines method qualitative and quantitative , because second method This each other complete in give comprehensive understanding . In addition , the head school and leader education expected apply style leadership transformational , because proven effective in increase teacher performance and results Study students . Future research is also needed to study more in about connection between culture collaborative in schools and performance academic , as well as consider factors others , such as teacher welfare and support technology , which can support effectiveness learning .

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Curriculum Vitae

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