



**Investigating the Impact of Smart Whiteboard
Usage on Teacher Satisfaction
in Secondary Education in International Schools:
A Study in Colombo District**

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I certify that I have read this thesis and that in my opinion it is fully adequate, in scope and in quality, as a thesis for the degree of Master of Science.

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DECLARATION

This is to certify that the work is entirely my own and not of any other person, unless explicitly acknowledged (including citation of published and unpublished sources). The work has not previously been submitted in any form to the Sri Lanka Institute of Information Technology or to any other institution for assessment for any other purpose.

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ABSTRACT

Investigating The Impact of Smart Whiteboard Usage on Teacher Satisfaction in Secondary Education in International Schools: A Study in Colombo District

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The integration of educational technology has revolutionized teaching and learning in classrooms worldwide, with smart whiteboards becoming a popular tool for enhancing interactive instruction. While numerous studies have highlighted the pedagogical benefits of smart whiteboard usage, there remains a significant gap in the literature regarding its impact on teacher satisfaction, particularly in specific geographical contexts. This research aims to explore teacher satisfaction with smart whiteboards within the Colombo District, focusing on their use in secondary education.

The 21st century has seen the rapid advancement of information technology, which has significantly enhanced the teaching profession. Tools such as smart whiteboards, computers, and online resources have allowed teachers to create more engaging and interactive lessons. Despite the widespread adoption of these tools, particularly smart whiteboards, their effect on teacher satisfaction remains underexplored. This study employs a simple random sampling method to select 350 teachers from five international schools in Colombo. A structured survey will include multiple-choice questions and offer insights into the role of smart whiteboards in improving teaching practices and student engagement.

This research seeks to fill the gap in understanding the relationship between smart whiteboard use and teacher satisfaction, providing valuable insights that may inform future technology integration policies and strategies in education.

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