

# Education In The 21st Century Hots (Higher Order Thinking Skills) In Religious Literacy

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**Abstract.** One of the critical qualities that 21st-century learning promotes is Higher Order Thinking Skills. This Community Service project's goal is to provide knowledge in the fields of science, technology, and the arts, as well as findings from research, creation, development, and dissemination of science and technology based on current educational trends. Students can improve their ability to do so by familiarizing themselves with HOTS-based questions. The purpose of this study is to find out how much knowledge and experience people have with using higher order skills, also known as HOTS, to improve religious literacy. Pearson's correlation is used in the quantitative approach to determine the adjacency of the relationship between religious literacy and Higher Order Thinking Skills ability.

**Keywords:** HOTS (Higher Order Thinking Skills) and Religious Literacy

## 1 Introduction

Education has entered a period of global competitiveness, requiring teachers and students to improve their skills and capacities, particularly in religious topics. Information about educational scientific progress has not been widely disseminated, particularly in the area of SMK Negeri 1 Percut Sei Tuan, Deli Serdang Regency.

The role of the teacher as a transmitter of information and the requirement for up-to-date information that can be applied to the teaching and learning process are the foundations of this study. Information regarding the most recent changes in the national curriculum was collected through interviews with ten instructors in the Deli Serdang area, however classroom teaching has not yet shifted to reflect the rules of the National curriculum. Other material gathered by teachers is still insufficient to fully comprehend how to create and implement HOTS.

The Deli Serdang district administration has collaborated with the education office to carry out coaching and training activities for teachers in Deli Serdang in phases, according to the survey results. Only a few teachers have gotten direction and training on the National curriculum, particularly in HOTS and Literacy materials, and this work is currently underway.

The goal of Community Service (PKM) is to align with the goal of curriculum improvements, which is to improve students' (Students') responses to global influences that may have an impact on their character. This is in accordance with the expectations of twenty-first-century education, which requires technology-based learning to balance the demands of the millennial age with the objective of later pupils becoming accustomed to twenty-first-century

life skills. Students in the twenty-first century must grasp science, metacognitive skills, be able to think critically and creatively, and successfully communicate or interact; this circumstance exemplifies the gap between expectations and realities. This research limits the difficulties as follows, based on the problem's background:

- a. I'd like to know how well-versed the teachers in Deli Serdang are in making HOTS inquiries and religious literacy.
- b. To learn about the instructors' reactions and knowledge after attending the seminar at SMK Negeri 1 Percut Sei Tuan.

## **2 Research Methods**

The implementation of this activity uses the Deductive training method. The training model is used with the consideration that this training model is built on the need for capacity building, expanding information and the ability of an institution to apply it in field work practice. When a training model can be built around a curriculum, approaches, and strategies that are tailored to the target students' learning needs and the problems they face, as well as consideration for all training participants, it is considered effective (targets). The identification results are thought to be needed for all training participants who have the same characteristics in this case are teachers. The identification results are used in compiling mass and comprehensive training (learning) materials. In this study, the trainees were teachers with a teacher education background.

This research is an experimental research with a form of implementation that is a quasi-experimental research (quasi-experimental research). Location and time of this research was conducted at SMK Negeri 1 Deli Serdang Regency on September 2021.

Other improvements to the assessment standard were made as well, with the international standard assessment model being gradually adopted. Assessment of learning outcomes is expected to aid students in improving their higher order thinking skills because higher order thinking encourages students to think broadly and deeply about the subject matter (HOTS).

## **3 Conclusion**

The Spearman Rank correlation is used in data analysis to measure the impact of the training results on the trainee teachers' final knowledge. The Spearman Rank correlation coefficient formula is used to determine the degree of correlation. The Spearman Rank correlation test was utilized in this investigation, with a significance level of 5%.

The following is how the hypothesis is stated:

Ho: The training's outcomes have no positive impact on the trainee teachers' final knowledge.

The Brain Based Learning paradigm has a favorable impact on pupils' mathematics connecting abilities. The impact of the training on the trainee teachers' final knowledge.

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