The relevance of the Curriculum for Masters and Undergraduate Programs in the Mathematics Education Department to the needs of the 4.0 era

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ABSTRACT

This study aims to describe the results of evaluating the relevance of the Curriculum for Masters and Undergraduate Programs in the Mathematics Education Department to the needs of the 4.0 era. The results of this evaluation are used to review the curriculum of the Master of Mathematics Education Program, Bachelor of Mathematics Education Program, Bachelor of Mathematics Program, and Bachelor of Statistics Program to suit the demands of the latest developments. The review carried out can be followed up by updating the depth and breadth of course study materials in the four programs.
The research was carried out by covering three stages, namely preparation, implementation and reporting. The technique used to collect research data is through Focused Group Discussions by inviting external and internal stakeholders as data sources. The target to be achieved is to obtain the results of curriculum evaluation so that they can explore and analyze curriculum content based on demands that graduates of study programs have new literacy skills 4.0 which include data literacy, technology literacy, and human literacy with noble character based on an understanding of religious beliefs. The results of this analysis are translated into curriculum evaluation documents for four (4) programs in the Mathematics Education Department which can be used as evidence of a curriculum review involving external and internal stakeholders. Furthermore, the results of the review will be used as a basis for policy making in improving the quality of the depth and breadth of study materials in the curricula of the four programs.

Kata Kunci: *Curriculum, data literacy, technology literacy, human literacy*