

# UPDATING NONFORMAL EDUCATION PROGRAMS TO IMPROVE COMMUNITY LITERATION IN THE ERA OF THE INDUSTRIAL REVOLUTION 4.0

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## ABSTRACT

This study aims to: 1) produce a theoretical analysis of the development of non-formal education in the era of the industrial revolution 4.0; 2) describe the impact of the industrial revolution 4.0 on the practice of non-formal education; 3) describe the latest non-formal education programs in accordance with the needs of the industrial revolution era 4.0. and 4) Describe the role of higher education institutions in updating non-formal education programs in the era of the industrial revolution 4.0. This study uses a qualitative approach with a systematic review method. With this approach, the researcher attempts to summarize the results of primary research to present a more comprehensive and balanced fact by applying 8 stages of systematic review research. The research was conducted from June to November 2020. The research subjects were the results of research by experts in the field of non-formal education contained in journals, proceedings, books and other documents. Collecting data through a document review process with a data collection tool in the form of a review guideline table. The research analysis uses the meta-aggregation technique by summarizing the research results to answer the research questions. There is a paradigm shift in the philosophy of non-formal education leading to progressive education, which is marked by efforts to improve skills, accompanied by good and literate behavior. The development of information technology encourages the formation of a lifestyle, the ability in learning innovation and the development of technology-oriented life skills education. This condition has an effect on improving the qualifications of non-formal educators both academically and in other competencies. Technological developments encourage changes in non-formal education practices, both in learning activities, the substance and output of learning programs. Non-formal education programs that are relevant to the development of the industrial revolution 4.0 include: skills training (life skills), entrepreneurship training, homeschooling both independently and in communities, and soft skills development.

Kata Kunci: *life skills, literacy, NFE program, industrial revolution 4.0*