Implementation of the School Curriculum to Empower Education in the Digital Era 4.0 for Quality Human Resources

Febriani Dwi Sari[1*], Rugaiyah[2]
[1,2] Jakarta State University, Jakarta, Indonesia

Sections Info	ABSTRACT
	Objective: The development of the digitalization era cannot be avoided. The development of science in various fields, mainly Information and Communication Technology (ICT), is rapidly increasing. An educator needs to update and introduce students to be more technology literate. One is implementing a curriculum that empowers education in the digital era 4.0. This research aims to provide an understanding that the right curriculum for students will produce quality human resources in the era of globalization. **Method:** This research uses a qualitative approach with a literature study or literature review method. Data was collected by reviewing official sites such as Google Scholar, Research Gate, Public and Perish, and Sinta. **Result:** The results showed that implementing a curriculum relevant to the demands of the times is a must. The curriculum must reflect learners' needs and create creative, innovative, and competitive individuals. **Novelty:** This research offers new insight into implementing a school curriculum that supports enhancing students' digitalization capabilities in the Industry 4.0 era. In addition, this research also explores how curriculum can play a role in creating quality human resources. This research recommends that education should continue to be sensitive to the times and implement the curriculum according to the needs of current and future learners.

INTRODUCTION

The Era of Globalization can be called the Digital Era or the Industrial Revolution 4.0, where barriers between countries are no longer limited by distance and time. This aligns with the opinion of Larsson (2001) in the book "The Race to the Top: The Real Story of Globalization," which argues that globalization is a process of shrinking the world so that distances are getting shorter and everything feels closer. In this era, the development of science is extraordinary in various fields, especially in Information and Communication Technology (ICT), which is sophisticated, making this world increasingly narrow. Everyone can access science, news, and other information using technology. Of course, this has an impact on all sectors of life. One of them is the development of education in Indonesia.

Everyone cannot avoid changes in this era. Therefore, adequate preparation of human resources (HR) is needed to adjust and compete in this era of globalization. According to Amirudin (2019), quality human resources are those who have the expertise, ability, and skills to produce goods or services that curry and determine their quality of life. Amirudin further explained that improving the quality of human resources can be done through 3 main channels, namely the formal education channel, consisting of general and vocational education starting from elementary school, junior and senior high schools, and universities.

Improving the quality of human resources through education, from primary and secondary education to higher education, is the key to keeping up with the

19. 607-Article Text-765-777 Febriani Dwi Sari.doc

23% SIMILARITY INDEX

17% INTERNET SOURCES

7% PUBLICATIONS

7% STUDENT PAPERS

PRIMARY SOURCES

1	journal.ia-education.com Internet Source	3%
2	Submitted to Universitas Negeri Jakarta Student Paper	2%
3	Submitted to Kensington International College Student Paper	2%
4	repository.unika.ac.id Internet Source	1%
5	www.scilit.net Internet Source	1%
6	multijournals.org Internet Source	1%
7	www.coursehero.com Internet Source	1%
8	bircu-journal.com Internet Source	1%
9	Submitted to Purdue University Student Paper	1%