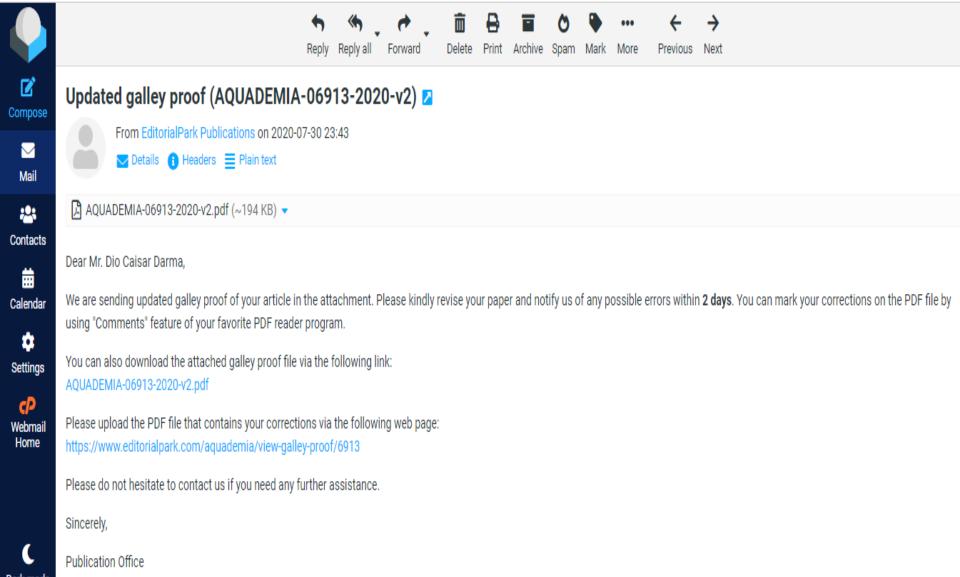


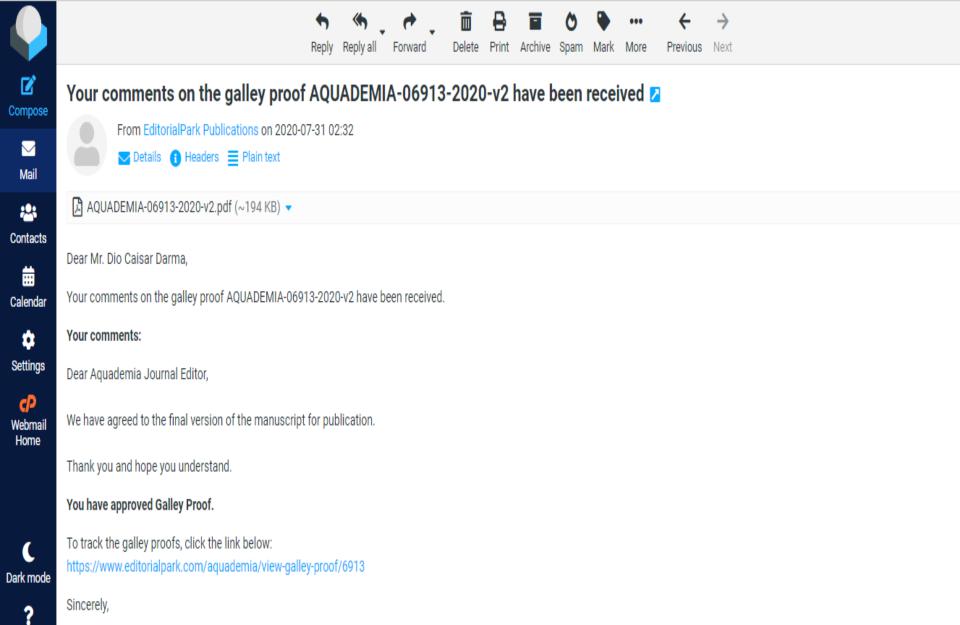
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Literature Review

COVID-19 and its Impact on Education: Challenges from Industry 4.0

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ABSTRACT

The industrial revolution is now entering its fourth phase. The rapid development of science and technology has a big impact on human life. Many conveniences and innovations are obtained with the support of digital technology. Education today is a phenomenon that responds to the needs of the industrial revolution with new curriculum adjustments according to the COVID-19 situation. The curriculum is able to open the window of the world through its grasp for example utilizing the internet of things (IoT). On the other hand, teachers also get more references and teaching methods. For the education sector, the presence of industry 4.0 is expected to be able to realize smart education through enhancing and equalizing the quality of education, expanding access, and relevance in realizing world-class. To realize this learning interaction is carried out through blended learning, project-based learning, and flipped classroom (public interaction and digital interaction) so that these challenges can be overcome in order to prevent the impact of pandemic transmission.

Keywords: industry 4.0, curriculum, knowledge, technology, COVID-19

