

The impacts of COVID-19 pandemic on the automotive industry workforce in Thailand

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Abstract. COVID-19 pandemics has significant consequences for both business and workforce globally including Thailand. Thai automotive manufacturing industry has been experiencing unprecedented issues, including severe fluctuation in demand, restrictions on the availability and utilization of the workforce, and governmental regulations. This paper study systematically reviews the existing research on the COVID-19 pandemic concerning the automotive manufacturing industry. This paper aimed to 1) investigates an impact of COVID-19 on Thai automotive industry workforce during the pandemic, 2) cites the role of plant managers in Thai automotive manufacturing industry to mitigating the effects of COVID-19 through the workforce retention, use a skills matrix to identify potential shortages of critical capabilities, and other heuristic method to allocate workers to machines.

Keywords: COVID-19, workforce, Thailand automotive industry