

Digitalization and Female Labor Force in Indonesia

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Abstract: Empirical research on digitalization's impact on female labor force participation (FLFP) in Indonesia remains limited. Using Autoregressive Distributed Lagged (ARDL) model on data from 1990 to 2022, this study finds that internet usage and mobile subscriptions negatively affect FLFP in both the short and long run. Education shows a positive effect, while GDP and fertility have mixed impacts over time. The study recommends expanding digital infrastructure, improving women's digital skills, and supporting growth in female-friendly sectors. These measures are essential to enhance women's economic inclusion and ensure that digital and economic transformation benefits all segments of the labor force.

Keywords: Digitalization, Female Labor Force, Fertility, ARDL

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