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# Indonesian teacher engagement index (ITEI): Decision support system for education

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## Abstract

Indonesian Teacher Engagement Index (ITEI) is an instrument designed to help teachers to detect themselves through self diagnostic. The results of self-diagnostic is then systemally developed with the goal of becoming a decision support system for the central government to the areas in the field of education. This study aims to develop ITEI design as a Decision Support System in education especially

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related to teacher engagement. This research uses Neuroresearch method with exploratory research and explanatory research stages at the development stage of IT model. The result of research is 1) construct theoretical construct of ITEI, and 2) design the ITEI model as a Decision Support System through several stages of arrange the Database Design, arrange the Flowchart Responder, Designing the ITEI Model as a Decision Support System and arrange the System Profile Scheme. © 2017 IEEE.

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