

# THE STUDY OF RELATIONSHIPS BETWEEN TEACHERS' INTELLECTUAL CAPITAL AND TEACHING OUTPUT -- EVIDENCE FROM NANYA INSTITUTE OF TECHNOLOGY

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## Abstract

Human resource development has become one of the prominent branches in the discipline of management in the past ten years, and intellectual capital is the most important, attracts most attention. Teachers, standing in the critical turning point of teaching and learning, will determine whether the quality of education is superior or inferior. In light of exploring the connections between intellectual capital and teaching output of teachers in technology college and university is seldom. Therefore, the purpose of this study includes : Explore proper index of teacher's intellectual capital and teaching output in technology college and university. Explore human capital, structural capital, relational capital in intellectual capital, how link with teaching, research, service and student consulting in teaching output. This study conducted survey on the "teachers" of Nanya Institute of Technology. Of the 150 questionnaires distributed, 105 effective ones were returned, providing an overall response rate of 70%. The findings of this study indicated that overall teacher's intellectual capital has a significant positive effect on teaching output. Human capital has a significant positive effect on the dimensions of teaching output in terms of teaching, research, service and

student consulting ; structural capital and relational capital has no significant positive effect on the dimension of teaching output in terms of teaching, research, service and student consulting.

**Key Words: technology college and university, teachers, teachers' intellectual capital, teaching output**

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